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FIELD'S SEED SENSE

"FOR THE MAN BEHIND THE HOE"

Vol. 2

Shenandoah, Iowa, March 1914

No. 2

AS YOU may have suspected before now, I have rather radical opinions of my own about a number of different things. Sometimes they are ideas that are not fashionable. I always did like to be on the contrary side anyway.

For one thing I believe there is too much fol-de-rol and tom foolery in the training and education of children now-a-days. Too much frills and ornamental stuff and not enough of the simple, substantial things of life.

For example — This is a typical country town, just big enough to begin to ape city airs. Society leaders club in and get a dancing teacher down from Omaha to teach the latest fancy dances. Children must take dancing lessons too, "to make them graceful". One of the ladies who would be described in the home paper as "one of the leaders in our most select social circles", was telling me her troubles the other day.

It seems that Maudie was objecting to taking dancing lessons. Maudie is perhaps 7 years old, a normal, sensible, happy-go-lucky sort of a little girl. Her grandparents were pioneers here, honest, God-fearing, hard working farmer folks, who helped organize the first Sunday school in town, when they had to hold meetings in the depot, because there was no church or hall yet.

Well, it seemed to me that, as is often the case, heredity had skipped one generation, and Maudie had inherited some of the sensible ideas held by her grandparents. At least she objected strenuously to dancing lessons as a necessary part of her education. Her mamma was all broke up about it, and said she would have to go down to the hall and stay there while the lessons for the children were in progress, to keep Maudie to her work. Dear me, dear me. I feel sorry for Maudie, but if she is to become a shining light in modern society, she must have all the latest advantages suitable to one in her station of life. Maybe so, maybe so. Just the same, I believe the little boys in this picture, with their garden and their simple living, are getting a lots better start in life, than the little boys who are helping Maudie learn to dance the latest fancy steps. But of course what one man considers modern foolishness, the next man may think all right, and he may have some serious doubts about the first man's modern notions.

For instance, I am a great believer in manual training and domestic science and school gardens. Lots of people think they are all rank foolishness. What do you think about it?

Several years ago I tried to start something on school gardens here. I guess I was a little ahead of my time. I had the thing all planned out in great shape. Had the ground plowed all ready to lay out in little individual gardens for the boys and girls, with a common or communal plot of popcorn and peanuts and melons for all of them to own together, and I was going to donate all the seeds and plants

and put in an hour a day through the spring helping and instructing the children and so on. Oh, I had it all worked out fine.

But I gently but firmly got turned down. The president of the school board, a typical village storekeeper, put his foot down very solidly and decided that it was "just a scheme of Henry Field's to advertise his seed business," and that it was rank foolishness anyway.

All right, I let the school board have their way about it and I withdrew as gracefully and as smilingly as possible. But I reserved the right to my own opinion about school boards and school gardens and a few other matters.

I decided that I was probably prejudiced anyway. But that was several years ago, and this same school now has a department of agriculture and they are agitating for school gardens! Good. Go to it. I've spelled. You can try it now.

Now, I didn't start anywhere in particular with this talk and I am getting just about where I started.

But what I wanted to say, was, that I believe every child has a natural born, inalienable right to have a garden and get in the dirt and go barefooted and raise flowers and garden and weeds, and get acquainted with dirt and sweat and hot sun and green grass and the rest of the real things of this world.

That's where the boy or girl on the farm has a tremendous advantage over the town or city child. Of course a country town isn't so bad. There's room for gardens and green grass and trees, and it is not very far to the timber and the fields and the open country, but in the city, I don't really see how you can raise children at all. Nothing but brick and stone pavement, and gutters and saloons and noise and the rest of the bedlam that goes with a city. Deliver me.

But I'm wandering from my text again, or maybe I didn't have any text. But anyway, what I wanted to say, was you should see to it that every child has a garden if it is at all possible. A real garden in real dirt. A garden of their very own, and a few tools of their very own. We give away hundreds of thousands of free packets of seed for the children every year, and if they are not enough, you can buy plenty more for a few cents. The children will probably waste most of them, but they will have lots of fun doing it.

And just think of their pride when the garden really grows. They feel they have created something, made it themselves. Look at that picture again. Did you ever see a prouder person than that small boy? There never was such a hill of popcorn in all the world's history. He may build a railroad or a skyscraper some day, but it won't look as big as this hill of popcorn does now. He made it all himself, it is his. He can do anything now. Nothing is impossible after this. What would you give for such a feeling as that yourself, now?

H. F.

P. S. A good conservative friend of mine read this through just now, and he said, 'Henry, you better leave out that first part. You're stepping on the toes of some pretty prominent people in this burg. They won't like it a little bit.' Yes, yes. Maybe so.

Then a young married man came in, who is prominent in dancing circles and I showed it to him. And he said: "Darn it Henry, you're right. I run with that dancing bunch myself, but I believe they are pushing this leg stuff too strong, and I draw a line on the kids".

So there you are. I guess I'll let it lay the way it lit.

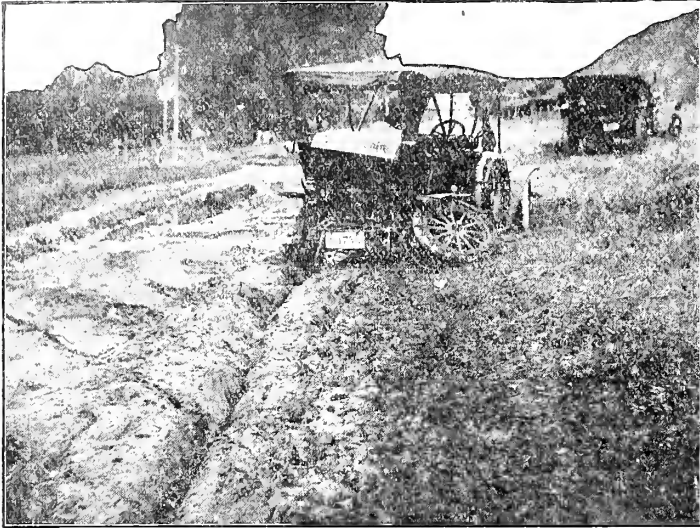
P. S. Business is fine.

H. F.

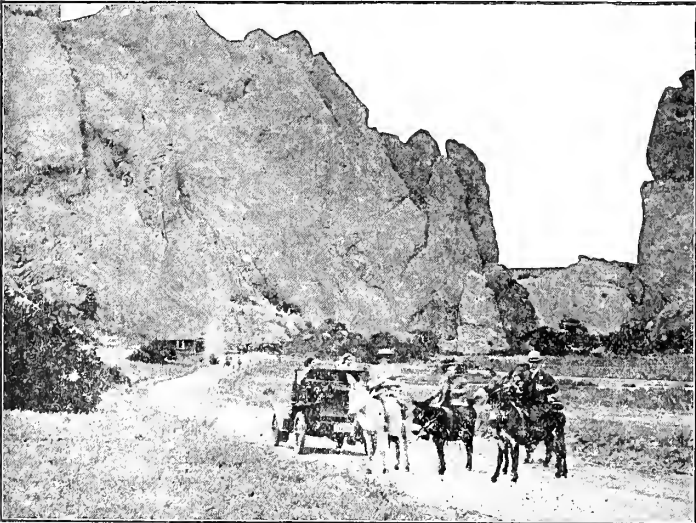


Two of the popcorn boys. Emery and Waldo Masters, Harvard, Ohio. Did you ever see a finer hill of popcorn or a prouder pair of young farmers?

Some More Colorado Travel Pictures



These pictures on this page were taken on our first trip to Colorado in 1911, when we went with the old E. M. F. This shows the only accident we had on the trip. We were trying to pull through a mud hole out in central Nebraska and twisted a wheel off. I telegraphed for a new axle, got it there in twenty-four hours, put it in myself, and we were soon on our way.

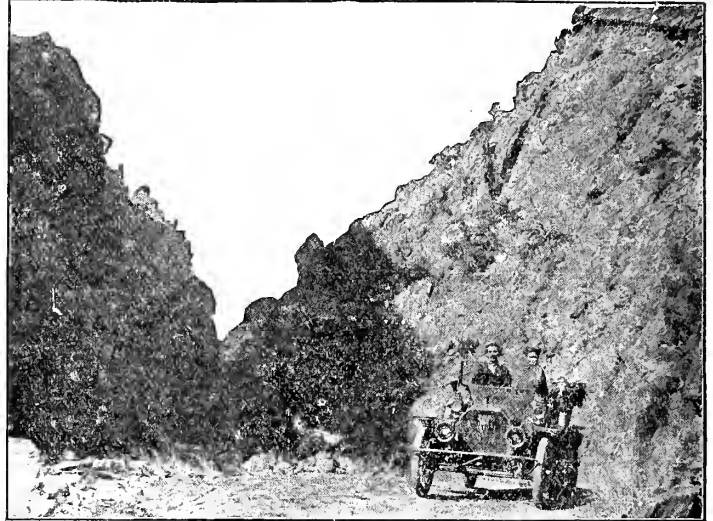


This picture was taken in the Garden of the Gods, near Manitou, Colo. If you have ever been there you will recognize the place. It is out towards the Upper Gateway. You can get some idea of the size of the rocks by looking at the house near the base of the big cliff.

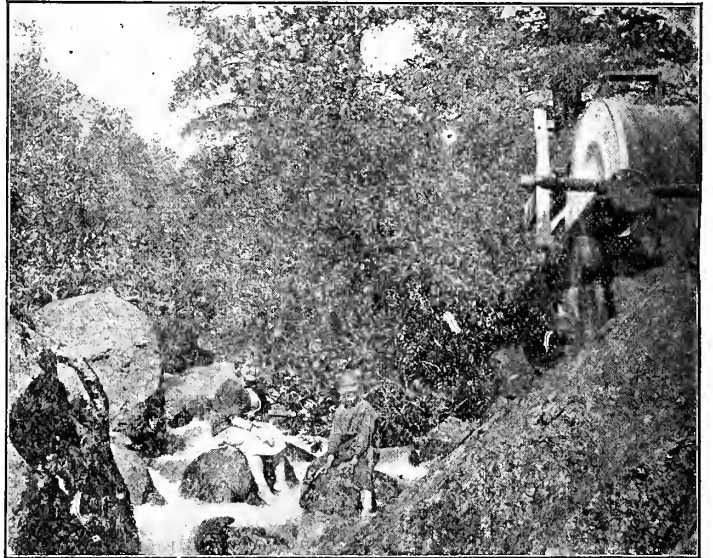


A Road Side Camp in Central Nebraska

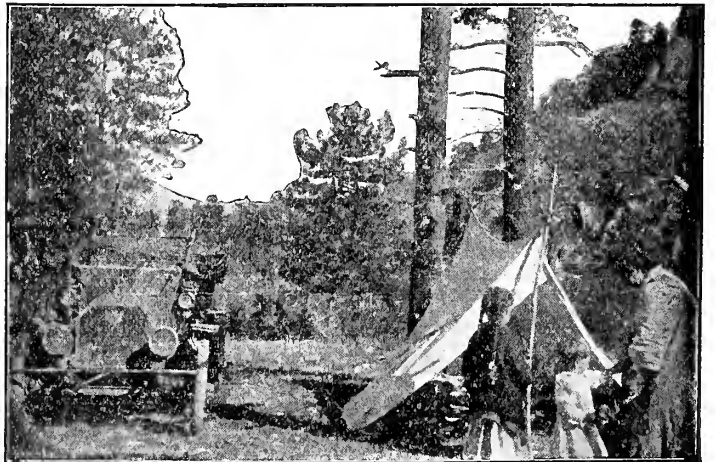
This is where we camped for two days on the way out the time the automobile broke down, as shown in the top picture. If you look close in that top picture, you can see the tent under the big cottonwood tree up the road. We had a nice camp there and got along fine.



This shows us climbing Loveland Pass, up to Estes Park. This is a climb of 4,000 feet in twenty-five miles. Good roads, but very steep and very crooked, all low and intermediate gear for twenty-five miles.

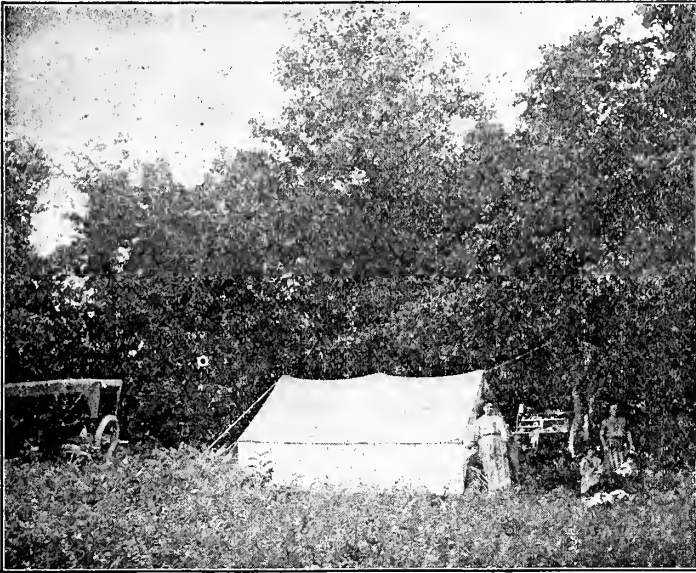


The children enjoyed it immensely up in the mountains. This shows Hope and Philip playing in the creek near our camp in Estes Park. That big wheel is a water wheel that runs a pump to pump water to a house up on the hill farther.



We camped in Estes Park for a week at an altitude of about 8,000 feet. All pine trees, mountains, and rocks, and waterfalls, and miscellaneous mountain scenery. It was a beautiful place and we enjoyed it immensely. No flies, no mosquitoes, and no hot weather, and air so good you could taste it, and an appetite like a saw mill. We went back there again the next year and camped for two weeks, almost at the same place. Will show you some pictures of the next years' trip next month.

Some Pictures of the Ozark Trip

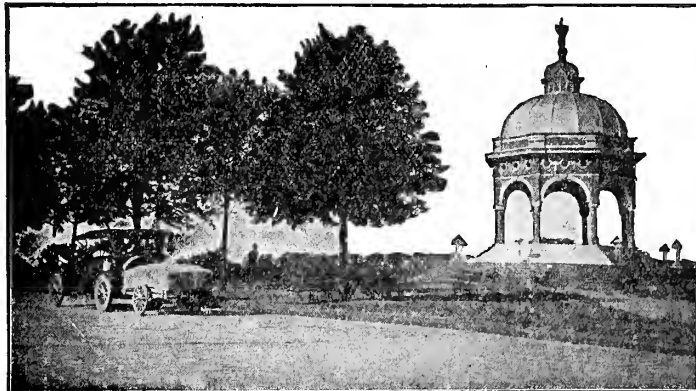


A Camp in the Ozarks

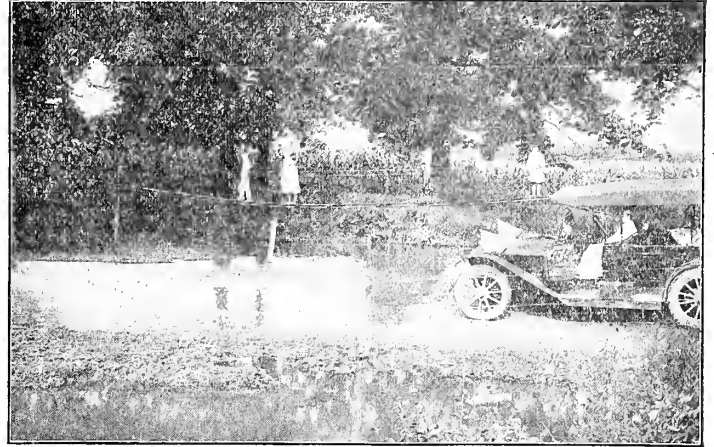
You know in 1913 instead of going to Colorado, as we had done the past two summers, we packed up the automobile and the children and the big tent and the camp equipment and went down into the Ozark country. This shows a camp south of Carthage, Missouri. It was right in the edge of the big oak timber, and was a very pretty place. We camped there a couple of days, both going and coming. This time instead of having all the luggage in the car, we had a trailer or baggage car hitched on behind, and had all the miscellaneous luggage in that. We had a cupboard built in the back of the trailer like the cupboard in a chuck wagon on the plains. If you look close in the picture you can see the cupboard standing open just behind the tent.



We met lots of fellow travelers. Mostly they were in covered wagons instead of automobiles. This outfit we met somewhere in southern Missouri and they had been on the road for five weeks from northwest Nebraska on their way back to their old home in southern Missouri. They had been trying to hold down a claim out in Nebraska in the sand hills, but had finally given it up. Notice the trailer behind our outfit with the cover drawn down tight to keep the dust and mud out.

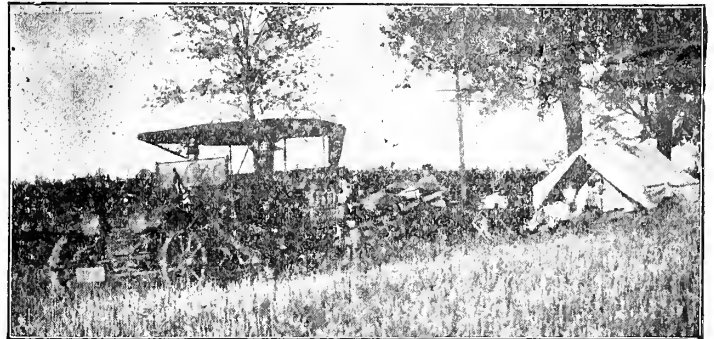


On the way back we came through Leavenworth, Kansas, and stopped to visit the Soldier's Home there. This picture was taken on the grounds of the Soldier's Home and shows the band stand. It is a beautiful place. The grounds, trees and buildings are as beautiful as I ever saw. We also saw the penitentiary at Leavenworth.

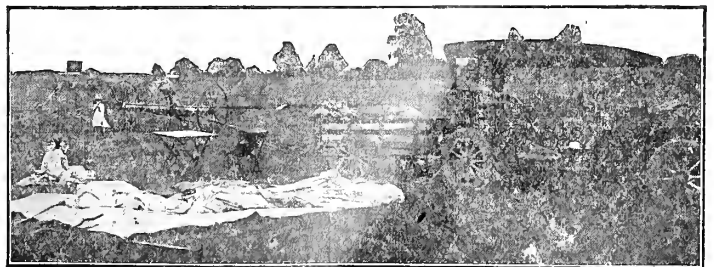


At the Ford

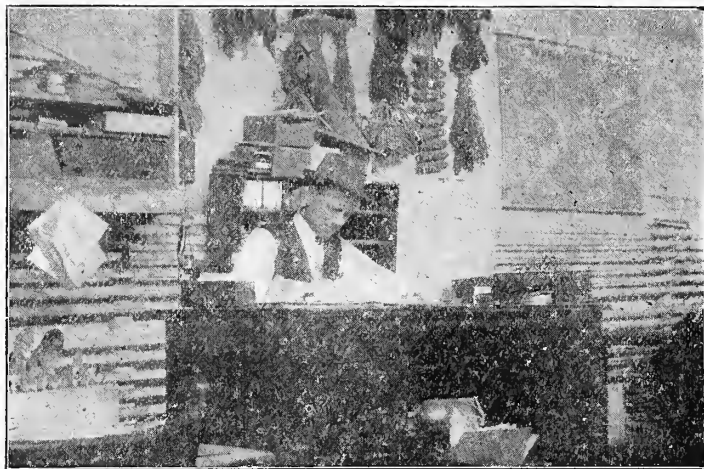
Down in that country they often don't have bridges, but instead have fords across the creeks or rivers. It isn't as bad as you might suppose, for the rivers in that country are all hard bottom and generally not very deep. We didn't strike anything but what we could get through all right. At this place they had a swinging foot bridge for foot passengers to cross on, but the car had to go through the water. The children thought the swinging bridge was great fun though and they had to get out and go across on that just for the fun of it. We found some bad rocky roads on this trip, but on the other hand we found some of the finest roads we ever saw. Lots of the roads are finely improved stone roads, better than anything we have in Iowa, but of course when you get off the main traveled roads, back in the hills, you strike some terrible trails. We drove over roads where I am sure no automobile ever was before.



This camp was in a wheat field in eastern Kansas. We swung in to eastern Kansas on our way back from the Ozarks. Yes, we had some tire trouble. Notice on one of the front wheels there the tire is off. I was making repairs on it while my wife was getting supper. You can see her standing at the back end of the trailer opening up the cupboard, getting ready to get supper, and the children are inside the tent arranging things for the night. If you will look close you can see our folding table. We always set that up to put the eatables on. Of course there wasn't room for us to sit down to the table, but it made a good place to deal our rations from.



We generally tried to strike a bunch of timber for camp, but this time there was no timber handy, so we drove into a wild hay meadow. There was a lot of wild hay cut, but not raked yet, and we soon scraped up enough of it to make a nice soft bed under the tent floor. This picture was taken after we had stretched out the tent floor cloth, but before we had raised the tent. You can see the tent piled up on the floor cloth. Of course the children had to investigate the haying machinery the first thing. The worst trouble with this camp was that the children had to go about a quarter of a mile after water and milk, and of course they didn't like that.



Walt Pitzer at his Desk in the Garden Seed Department

Walt Pitzer's Garden

It is not likely that I will plant anything out doors during March. However I may if the weather is favorable, and the ground is dry enough toward the end of the month, harrow the garden several times and plant radishes, lettuce, onion, smooth peas, turnip, mustard and Kohl Rabi.

The hot bed will be made during this month, and be ready for the seed about the 15th. I shall plant in it a row each of Norseman and Glory of Enkhuisen cabbage, cauliflower, Mango Pepper, Tomato, (Field's Early June and Bonny Best), Kohl Rabi, Lettuce and two packets of Egg Plant. The reason I plant two packets of Egg Plant is that they are a little hard to start, and I want plenty of good thrifty plants, as we are fond of this vegetable.

The soil in the hot-bed will first be made very fine and leveled off nice and smooth. The rows of all the above will be 4 inches apart, and the seed planted about $\frac{1}{2}$ inch deep.

If I have reason to believe that one part of the hot-bed might be a little warmer than another part, I will plant the tomato, egg plant and peppers there, for they ought to have more heat than cabbage and such plants.

The vegetables I have mentioned above will not occupy near all the bed, so I will plant a few radish, Boston Market and Scarlet Turnip White Tip Forcing and see if I can grow a few early radishes. Both of the above varieties are good forcers. I will also plant a few pansies. The remaining space will be planted to Grand Rapids lettuce, planting the rows six inches apart, this to be thinned out as I use it. A full grown plant of Grand Rapids will occupy a space about a foot square.

After the seed is in it will be watered often, using about a bucket of water at a time, just enough to moisten the soil good so the seed will start to germinate at once. Then the cheese cloth will go on, and the muslin on top of this. Both will remain on until the seed begins to come up, when the muslin will be taken off, to remain off except at night and during cold freezing weather, for the young plants must have plenty of light and sunshine.

If the weather gets very cold the bed will have an additional covering, using an old carpet, straw mat, blanket or anything that will keep the warmth in. During bright warm days the bed will be opened so the plants can get lots of sunshine.

Plans For April

On the first day in April or during the last week in March, if the soil is dry enough to work, I will begin to make garden out doors. I will have the ground harrowed over several times, and for the small seeds will rake it over with a hand rake, pulverizing the soil and leveling it.

The following is a list and the amount of seed, and the length of row that I will plant at this first planting:

1 oz. Onion, Prizetaker, 100 feet	2 pkts. Carrots . . . 50 feet
1 oz. Onion, Pedigreed Red	1 pkt. Lettuce . . . 50 feet
Globe 100 feet	1 oz. Beets 50 feet
2 qt. Onion Sets 100 feet	$\frac{1}{2}$ oz. Parsnips 50 feet
1 oz. Radish 100 feet	$\frac{1}{2}$ oz. Turnips 50 feet
1 pint Peas 100 feet	$\frac{1}{2}$ oz. Mustard 50 feet
$\frac{1}{2}$ oz. Spinach 50 feet	1 pkt. Kohl Rabi 25 feet

The Distance Apart. The beets, parsnips, and turnips will be drilled in rows 15 inches apart, and the peas 24 inches apart. The balance in rows 12 inches apart.

Depth to Plant. The peas and onion sets will be covered about $\frac{1}{2}$ inches deep, and the balance of the list from $\frac{1}{2}$ to $\frac{3}{4}$ of an inch deep.

In planting the onion sets, I will use a wheel hoe like the Iron Age No. 19, the Standard No. 20, or the Standard No. 30, to make a furrow to drop the sets in.

By the way, if I had to do with just one wheel hoe, and wanted

one for the smallest amount of money that would buy a good one, I would select that Standard No. 30. It is the nicest, lightest, easiest running wheelhoe I know of for the money. The Iron Age No. 19 and Standard No. 20 are both good ones, but are a little more expensive and more complicated.

Place the sets in the bottom of this furrow about an inch or so apart, root end down and cover them with an inch and a half or two inches of soil. After they are well up, I will pull the dirt in and finally ridge them up a little so that I will have an onion with a nice long shank.

The peas will also be planted in a furrow made with one of the above mentioned tools, drilling the seed in with a garden drill, at the rate of 1 qt. to 100 ft. of row, covering them $\frac{1}{2}$ or two inches deep. This planting of peas will be the smooth kind and the wrinkled ones I will not plant until later, as they would likely rot if planted before the ground is warm.

About the Hot-Bed

It is not safe to plant the seed as soon as the bed is made, especially if you use real fresh manure, which you by all means ought to do. The temperature in a well-made bed will usually go high enough at first to kill the germ of the seed, or at least injure it very much, so it is best to wait about a week, when it will begin to subside, and when it gets down to ninety degrees, plant the seed. The cut on page 9 will give you a pretty good idea of how to build the bed. Fix the frame and bank it up to suit yourself. The pit should be about 2 ft. deep and 6 ft. wide. The deeper the bed, the more heat you will have and the longer it will last. The important thing is the manure. Fresh horse manure is the best thing you can use, but be sure it is fresh. As a rule it should not be used after it is a week or 10 days old. If it has a gray appearance when you dig down in the pile, it is "burnt" or "fire-fanged" as the gardeners say, and is not good for a hot-bed. Let it be well mixed with straw, hay or litter of some kind. If you do not have enough litter in the manure, the bed will be short lived and if you have too much you will not have enough heat, so strike the happy medium.

If the manure you use shows no signs of heating, better get a few forkfuls of some that is heating and throw it in the center of the bed. It is not necessary to pour water on the manure after it is in the bed, unless there is a large per cent of litter mixed in. In that case it might be some help. Tramp the manure down solid after it is in the bed and throw on about six inches of the best soil you can find. Be sure your bed has drainage, for if it does not the manure will not heat.

I shall cover my hot-bed with cheese cloth, which will remain on most of the time, and on top of it some heavy muslin to be used at night and during cold freezing weather. Glass is all right, but requires close watching. If you want to start your plants very early, glass is the best thing to use, but watch the ventilation very closely. If the sash are down tight, and the sun comes out bright and warm, your plants might be ruined in a very short time. Better get a thermometer so there will be no guess work about the temperature. Let it run just about like it does during summer weather.

The object in using the cheese cloth is to secure a warmer and more even temperature, and to keep the wind from whipping the plants around and bruising them. Tomatoes, egg plant, and lettuce plants do exceptionally well grown under this cheese cloth. Do not remove it except on the very warmest days and when you are working with the plants, until you begin to harden off the plants.

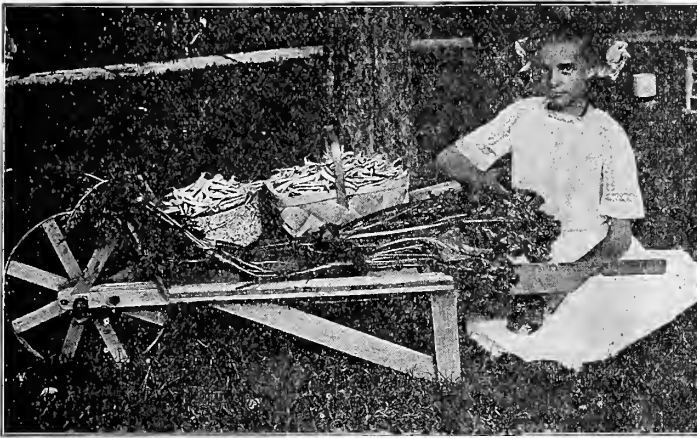
Don't attempt to make a hot-bed with less than one good load of manure. The heat from a small amount of manure would not amount to enough to keep the plants warm. One good load of manure, say a 50-inch wagon bed full, will make a bed large enough to grow plants to supply the ordinary family.

Time to Plant

The time to plant is a puzzling question to all of us, even to professional market gardeners. There is considerable risk to run if you plant early, even with the hardy vegetables. A cold, wet spell of weather is just as likely to destroy your prospects for a crop by rotting the seed before it sprouts, as a frost is by killing the plants after they are up.

It is useless to plant a certain class of tender vegetables, such as beans, sweet corn, egg plant, muskmelon, watermelon, okra, pepper, wrinkled peas, pumpkin, squash and tomatoes, out in the open until the ground has thoroughly warmed up. If you do, you are almost sure to loose the seed and if the seed should grow, the plant will be sickly and puny and nothing will be gained. "When the oak leaves are as large as squirrels ears" is the sign our fathers waited for, and I think it is a pretty good one, and one we can all use, for oak trees grow most everywhere. And other than the above named vegetables can be planted early and most of them should be planted as soon as you can work the soil.

We are inclined to plant too early instead of too late. "Nothing risked, nothing gained." It requires considerable self control on my part to wait until conditions are just right for planting. In fact, I don't always wait. I have a good many times followed one planting by another about a week or ten days apart, drilling the second planting between the rows of the first. If the frost or cold weather got one, I had another to fall back on, and I figured the cost of the seed as insurance. Of course, one of the plantings was finally cut out.



Products of an Iowa Irrigated Garden

This picture was taken by W. D. Gay, Essex, Iowa, in October, 1913, and shows some of the products of his fall garden, grown in the dry season by irrigating. They sure make a fine show. I am going to be fixed to irrigate a lot of my garden next summer.

No Change in Garden Seed Prices

Although there has been some fluctuations in garden seed prices, there has been nothing serious either way, outside of the regular tendency toward higher prices as the season advances. We have decided to make no changes in the bluelist prices for March. On a few varieties we are getting pretty low and may go sold out, but that is something that must always be looked out for and can be avoided only by ordering early. All in all though we are in pretty good shape on everything. We are especially well fixed on beans and peas and melons. Send along your orders. We may have to make some changes for April.

Pansy Plants For Sale

We will have thousands of Pansy plants for shipment after April 15th. They are grown for us by a Pansy specialist in Michigan, from the very finest strains of seed, and we can assure all lovers of this beautiful flower that they will be surprised and pleased with the size and beauty of this strain of Pansies. They will be sent by mail, extra well packed, and safe arrival guaranteed.

Prices: (All plants in bud or bloom)

1 dozen, mixed colors, postpaid 40c

3 dozen, mixed colors, postpaid \$1.00

Extra large plants with lots of dirt on the roots, by express, not prepaid, at the same prices. Any color separate, such as white, black, blue, yellow, etc., 5c per doz. additional, either by mail or express. Collection of 12 named sorts, all different, 50c, either by mail or express.

Aster Plants. Finest varieties, half the price of Pansy plants.

Snapdragons. Latest improved varieties. Same prices as Pansies. Pansies will be ready April 15th, Asters, April 20th, Snapdragons, May 10th.

Special Offer on America

Probably the best variety of Gladiolas grown, especially for commercial purposes, is the America. It is a peach pink in color, strong grower, lots of flowers open at once, and is the ideal one to grow for cut flowers. It has been on the market for several years, and prices have been high on account of the enormous demand for it, but this year we have managed to work up a good stock of it, and can offer the following sizes at the low prices named:

Small bulbs (about 1/2-inch) per hundred \$1.00

Regular size (large blooming size) per hundred \$3.00

Mammoth Bulbs (extra select) per hundred \$4.00

These prices include delivery postpaid. Will make a special discount of 10 per cent from these prices on lots of 500 or over. These are guaranteed to be genuine America, and very fine, thrifty, healthy bulbs.

Soy Beans

There is being more and more attention paid every year to Soy Beans. They have come into special prominence in the last year or two, on account of their value for mixing with corn for fodder. If mixed with Ensilage Corn, of about one part of Soy Beans, to about two or three parts of corn, they make a splendid crop.

Also they improve the land the same as clover, alfalfa, or other leguminous crops. They make quite a large growth of fodder, although I do not think they make as large a yield of fodder as the fodder corn would do. They make a good yield of seed, anywhere from 20 bushels to 40 bushels per acre.

We have the following varieties: Jet, Mikado and the Medium Yellow. The Jet, and Mikado, are counted the best varieties. The price, either variety, \$3.50 per bushel. Special prices on larger lots. The seed was grown by a farmer right near here.



Ginseng Garden of John A. West, Blockton, Iowa

You know I am not much of a believer in Ginseng and have been poking fun at it. Mr. West says he can show me and dared me to print this picture. All right, uncle, here you are, and we will all admit its a mighty nice looking Ginseng garden and well cared for.

Mixed Alfalfa and Sweet Clover

We used to have to watch awful sharp to keep from getting stuck with alfalfa seed mixed with sweet clover, that was when sweet clover was counted as a weed and every once in a while some grower would try to put something across on us by selling us alfalfa seed that had sweet clover in it. I am happy to say though we never got caught, for we were sharp enough to distinguish the difference in the seed.

This year we have to watch closer than ever, but in the opposite direction. There is lots of sweet clover being offered that is anywhere from 10 to 50 per cent alfalfa seed. Unless a body is pretty well posted on the appearance of the seed, it is very easy to mix in quite a large percentage of alfalfa and get past with it. With alfalfa seed worth 15c per pound, and sweet clover worth 25c per pound, or more, there is naturally a great temptation for the grower to try and run off some alfalfa seed for high-priced sweet clover seed. Of course they ought not to do it, but they will just the same, or try it. I have caught several at it and turned them down.

One man did stick me in good shape though, although luckily it was a small shipment. A man out in Montana who sold us sweet clover seed in the past, and send us beautiful pure seed, wrote me that he had about 10 bushel of seed on hand, and would take such and such a price for it. I wrote him to ship it along, for I had had experience with him in the past, and knew his seed was all right. He shipped the seed promptly, and drew a sight draft on our bank for the amount of the shipment, what they call a cash item, or protest draft, which we had to pay before the seed arrived. We paid the draft, for we supposed of course, the seed would be all right. When the seed arrived and I took one good look at it, I went straight up in the air. It is just about half alfalfa seed, possibly not quite that much, but as near as I can estimate, it is about half alfalfa and half sweet clover. They are both good quality, nice and bright and no weed seed in it, but there is no known method of separating the seed, and we cannot sell it as sweet clover and we cannot sell it as alfalfa. If anybody wants it or any part of it @ \$10.00 per bushel, I am willing to lose part of what it cost me. Send for a sample if you want to see what it is like. Ask for our stock No. 4163. Good authorities say it is a splendid plan to sow alfalfa and sweet clover together, but I have never tried it. I believe it would be all right. If you want to try it, this will be a chance to get sweet clover at alfalfa prices. It is the white blooming variety and is clean hulled seed, and good germination. Price, \$10.00 per bushel of 60 pounds.

Special Offer on Seed Potatoes

We are well fixed on the finest Red River grown seed potatoes, and I am going to give our customers the benefit of it. We have the finest seed potatoes this year that we have ever had, nice size, free from scab or blight. Grown in the Red River Valley of the north, the best potato region in the world. Seed from there is worth much more for planting than home-grown seed. If you want to change your seed potatoes, now is the time to take hold.

We are going to make the following special prices:

Early Ohio (genuine Red River grown) per bushel . . . \$1.50

Extra Early Waubesa (genuine Red River grown) per bushel . . . \$1.50

Banner (genuine Red River grown) per bushel . . . \$1.50

These prices are net f. o. b. here, bags included. If you want them packed in boxes or barrels, add 10c per bushel extra.

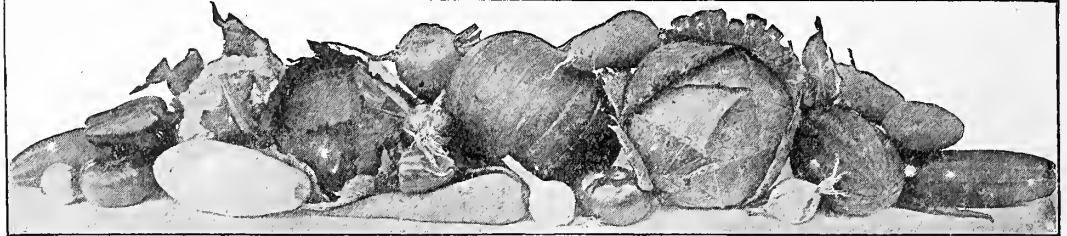
Free Samples of Alfalfa

We will be glad at any time to send free samples of alfalfa seed to those interested, and especially request farmers' clubs or similar societies to get enough samples to give to all their members. We give away over 300,000 samples of alfalfa every year as missionary work.



"I'll Hold Him"

All right, Gladys, if you'll hold him, we'll feel safe, but if he growls and acts like he was going to bite, we'll jump over the fence. We are suspicious of dogs anyway, and especially such a big savage looking dog as that.



Ready-Made Garden Collections

A great many people ask us to make up collections of seeds for them when they don't know just what they want, or don't want to go to the trouble of making out a list for themselves from the catalogue.

Now really, I would rather you would make out a list to suit yourself, because peoples tastes differ as to what they want to raise in the garden, and how much they want to raise of it. If you really want us to make up the collections for you, I would advise you to take one of all the ready made collections shown on page 48 of the big catalogue. You can get almost anything you want in one or more of those collections.

Here is the list:

No. 1. Collection of New Varieties

Sixteen varieties, all of the best, for \$1.00 post-

paid. This list includes practically all of the novelties we offer in the catalogue.

No. 2. Special Bargain Collection

Ten ounces of garden seed for 60c. This is a collection of ten mixtures, one ounce each of the leading varieties of vegetable seed, each ounce being made up of mixed varieties.

No. 3. A Collection of Old-Fashioned Flowers

Fourteen kinds for 50c. This includes all the old favorites.

No. 4. A Complete Garden Collection for \$1.25

This includes practically everything in the list of table vegetables, and is about the right amount you would want for a small garden.

No. 5. A Conglomeration for the Children's Garden. Free.

This is a grand mixture of everything in the catalogue. About forty-seven kinds in all and a little of everything. Something for the children.



Beautiful Home of J. T. Calvin, Seattle, Wash.

Mr. Calvin writes that he is 81 years old and has the finest garden and grounds in the state of Washington. He says he is able to do more work now than any of the young fellows, has been a lover of flowers for 70 years, bought seeds and plants of James Vick 70 years ago. Says he grows everything imaginable in his garden except the Wonder Berry, he draws the line on that.

Wedding Presents For Seed Sense Readers

Have you got any notion of getting married this spring? Because if you have I've got a wedding present for you. Now I don't want to start any stampede or anything, but really I will send you a nice wedding present.

I always did think that the nicest present one could make is a live plant that will keep on growing and blooming for years and get better the older it gets.

The ideal plant of this kind is the Peony. It will thrive in any soil and will grow and bloom for anyone. Wherever there is a home, if there is room to plant any flowers at all you should plant at least one clump of Peonies.

So that is what I will do. I will send you a nice Peony plant, free with my compliments. You can have any color you prefer, red, white or pink. I will send it postpaid, early in the spring at the proper time for planting. Or if you are late getting in, I will hold it and send it in the fall, for Peonies will not do any good if planted late in the spring. If you can't get them planted early in the spring, wait till Sept. or Oct. to plant them.

Now we've got lots of Peonies, so don't be bashful. Send us your announcement card or a newspaper clipping, or better yet, your picture showing both of you, and write me what color to send. Be sure and send me the picture if you can. I like to get pictures.

Now you old maids spruce up a little, and you old bachelors shave off your whiskers and wash your necks and get new red neckties and get busy and see what you can do, for those Peonies ought to be set early.

The young folks don't need any urging at all. They probably have it all settled already anyway. And widows and widowers are eligible too. But I don't want any of you to get divorced and remarried just to get the Peonies. I draw the line on that.

Just write me and tell me where you are going to live, and what your plans and prospects are, and send me your wedding picture. I won't promise to give you any good advice. That's plenty everywhere.

Three New Beans

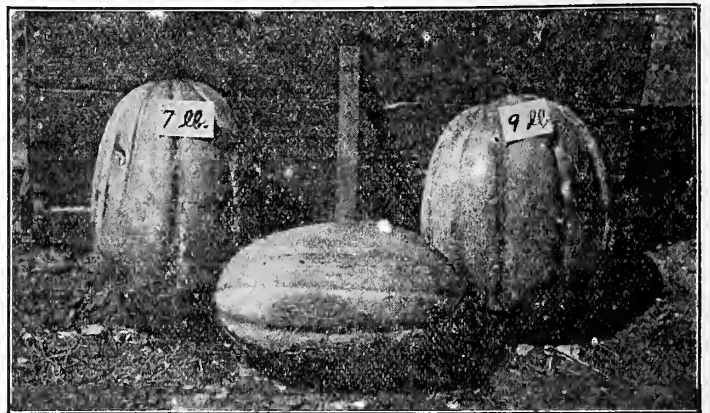
Since the catalog was printed I got hold of three new beans. All are interesting and all may be valuable. I have never grown any of them myself yet, but expect to grow them this year. Here they are:

The Tepary Bean.—This is a distinct species of beans found in the high dry country of Arizona and New Mexico, where it has been grown for hundreds of years by the Zuni Indians and probably by their predecessors, the Cliff dwellers. Through natural selection and the survival of the fittest through years of drought it has developed a remarkable degree of resistance to drought. It is claimed on good authority that they will make a crop on 7 inches of rainfall. It is being strongly advocated by the U. S. Department of Agriculture as the ideal bean for dry countries and high altitudes. It looks very much like a white navy bean, except it is flatter. Plant and tend like any bean. It is of splendid eating quality and said to be a good yielder. I have secured a small supply of the seed and wish to have it as widely distributed as possible, and want you to report your success. Pkt. 10c, pound 50c.

Giant Stock Bean. I believe this a good thing for the South and a curiosity anywhere, but it has been overboomed, and its promoters recently called down the wrath of the U. S. Department of Agriculture by their wild and wooly statements regarding it. It makes pods over a foot long, with great big white beans bigger than any Lima. They are too strong for table use, but are said to be great yielders and good stock feed. Try it as a curiosity and experiment. Pkt. 10c.

Manchurian Lima.—I don't really know what this bean is. It is being imported from Manchuria in big quantities and sold this country for eating purposes in competition with the regular dry Lima Beans. It is mighty fine eating, but is evidently not a true Lima. It is smaller and longer and fatter in shape, and not so strong in taste. It must be a good yielder or they wouldn't be exporting it and competing with American beans. Try it and find out what it is. Pkt. 10c.

SPECIAL OFFER.—If you want to try all three of these new beans in your garden I will send one packet of each for 25c postpaid.



Some Kansas Melons

"DEAR FRIEND: I am sending you a picture of some muskmelons I raised last summer. My watermelons did not do much good because of the dry weather, but what muskmelons I had were fine. The 9 lb. one is a Bayview and the 7 lb. one is a California Cream cantaloupe. I am going to plant of your Field's Daisy Muskmelons this year. The Kleckley Sweets are surely fine melons. Yours truly, —SAMUEL P. STRAIN, Welda, Kans."

GET VIGOROUS WESTERN SEED CORN For Your ENSILAGE

I can sell you high germination seed for less than you pay the local dealer for poor stuff. It will produce from 30 to 40 tons an acre on good land. Read what one customer says about it:

Preble, N. Y., Feb. 12, 1912.
 Henry Field: I had ensilage corn from you last year and it was over 12 feet high, an ear onevery stalk, sometimes two. Can you furnish me the same seed this year. W.W. ROOT.

Price—\$1.50 per bu., freight prepaid, in Ia., Ill., Mo., Neb., Kane., Wis., Ind. and Ohio on 4 bu. or over. \$1.75 per bu. freight prepaid to states east and south of Ohio on 4 bu. or over.

Seed guaranteed satisfactory or your money back. Catalogs and samples free for the asking. Write me today.

HENRY FIELD SEED CO.,
 Box 134 SHENANDOAH, IOWA.

150¢ a BUSHEL FREIGHT PREPAID

Special Offer

I am anxious for every man who has a silo or uses fodder corn in any way to try our ensilage and fodder corn, and especially our customers in the eastern states.

The trouble is most of the people out that way are scared to death about the freight rates. They know that I sell the seed corn at a reasonable price, but they are afraid the freight will eat them up.

Now, I can fix that for you mighty easy, and here is what I will do:

Freight Prepaid

On any order for ensilage or fodder corn amounting to 4 bu. or over, I will prepay the freight to any station in Minnesota, Wisconsin, Michigan, Indiana or Ohio, at the regular prices named herein.

I will prepay the freight to any station in New York, Pennsylvania, New Jersey, or the New England states, for 25¢ per bu. additional to prices named herein.

This offer applies to shipments of 4 bu. or over at one time, and may be all one kind or assorted kinds, and should be mentioned when you order. This freight prepay offer takes the place of any other special rebate or discount offers.

"Some years ago I bought several bushels of White Elephant corn from you which has been a great benefit to this community; as it is without doubt the finest corn ever grown there. — Cary C. Carter, Chestnut Bluff, Tenn."

"The Cornplanter Corn I got of you last spring is a dandy and to my surprise it came in earlier than our earliest field varieties and makes the most beautiful white meal I ever saw."

—R. H. Benton, Denham Springs, La.

Ensilage and Fodder Corn

There is a large and increasing demand, not only in the east, but in the central west, for seed corn especially good for ensilage and fodder purposes. It must be a corn that will make a rank and vigorous growth of fodder of good quality, and also make a creditable showing of grain. It is important, too, that it stands up well against the wind, so that it may be easily harvested. Western seed corn is for this reason much preferable to the eastern or southern seed, as it is used to the prairie winds and will stand up well in the face of winds that would blow down any eastern corn. This showed very plainly in my trial grounds, both this year and last, as corn from eastern seed invariably went down badly, while the seed from Iowa and other western states stood perfectly. I sold lots of corn last year to farmers in the eastern states, and last fall I wrote to a number of them asking how it stood up and how it succeeded in general. Almost without exception they replied that it stood far better than any other corn, making a better yield of both fodder and grain.

Varieties

Mammoth White Ensilage. An extra large, rank growing white corn. On good land it will often grow 14 to 16 feet high in the eastern and northern states. It is the kind to grow if you want an abundance of fodder. It makes big, coarse ears that will get plenty hard for cutting for ensilage in the latitude of Ohio and Pennsylvania and Southern New York. Price, 1 bu. \$1.60, 2 bu. or over at \$1.50 per bu. (See prepay offer.)

Leaming Ensilage. This is a special type of yellow leaming corn, very popular all over the east for fodder corn. It does not grow so tall as the Mammoth White Ensilage, but is very leafy, stands up well, can be planted thicker, and is earlier. It will get hard enough to cut for fodder in all the central states and as far north as the north central part of New York. It can always be depended on for a good yield of either fodder or grain. Price, 1 bu. \$1.60, 2 bu. or over at \$1.50 per bu. (See prepay offer.)

Pride of the North Fodder. This is the fodder corn to use if you are too far north for either Leaming or Mammoth White. It is very early and can be depended on to ripen easily practically anywhere in New England or other northern states. Makes lots of fodder of fine quality. Price, 1 bu. \$1.85, 2 bu. or over at \$1.75 per bu. (See special prepay offer.)

Fodder Cane. Many farmers use fodder cane (Sorghum) to mix with corn in the silo, and it is a good idea. It yields heavily, will stand lots of dry weather, and makes rich feed. \$2.00 per bu.

Henry Field Seed Co., Shenandoah, Iowa

(OVER)

Special Offer of Freight Prepaid on Alfalfa

In order to encourage the planting of alfalfa I will prepay all freight charges on any shipment of 100 lbs. or over to any of the central or eastern states. Regular price for March and April \$15.00 for 100 lbs. (\$9.00 per bu.) Seed guaranteed better than 99.6 per cent purity and 95 per cent germination. See Seed Sense and catalog for full description.

Good Alfalfa Seed

(From Long Island Agronomist.)

Alfalfa, being an extremely valuable Long Island crop, has of course been given careful attention by its Railroad's Experimental Station and as good seeds are necessary for good crops we have annually purchased seed from many sources in order to secure careful tests for adulteration, (anything other than the item ordered is an adulteration, quibbles or excuses do not change this fact one particle), and germinating ability. We have published results to aid our farm friends and have seen since 1906 a wonderful change.

Alfalfa seed, once a very injurious mess of weed seed, dead seed, (with often times a scandalously small percentage of the seed ordered), has this year reached the purity that business probity or proper precaution and "patrons interest-conserving" methods should have placed it when it was first offered for sale.

This year's tests show that the following seedsman is delivering Alfalfa seed without weeds. Further it is American grown, ripe, fresh, and full of vigor:

Henry Field Seed Co., Shenandoah, Ia.

Don't Buy Weed Seed

"You have got enough of them already on your farm. Don't pay a big price for more. The price you generally buy them in is clover, alfalfa, and timothy seed. Don't do it; you don't need to. You can examine the seed yourself and find most of the weed seed. Or better yet, you can send a sample to your State College or your State Seed Bureau or the National Seed Testing Laboratory and get a report from them. I can furnish you samples of any of my grass seeds for this test, or on any seed you buy from us you are at perfect liberty to send samples to any State College or such place and I am willing to abide by their test. If they do not give their O. K. to my seeds you can ship it back to me at my expense and have your money back and I will pay freight both ways."

The above item is lifted bodily from the editorial columns of Henry Field's seed catalog. Neighbor Hen lives out in Shenandoah, Iowa. We never met him, but in all the dealings we have had with him he has lived up to the paragraph above. We have found his seeds have a characteristic far from common, inasmuch as the seed he delivers for planting conforms in all respects to that we have secured for testing. If this unpaid puff benefits this square dealer it is simply because his golden rule methods deserve it. L. I. Agronomist.

A Good Year to Try Alfalfa

This is going to be a dandy good year to try alfalfa. The ground is going to be in good condition everywhere, as the dry weather last summer gave it a rest and the rain last fall and winter have soaked it full of moisture. The seed will have a splendid chance to get a start.

And the seed this year is the best I have ever seen. Of course, there is some poor seed, as there always is. Some farmers never do grow good seeds, their fields are so weedy. And some lots of seed were discolored and damaged by rain at harvest time. And there are some lots of off-grade 1912 seed still floating around and being offered at cut prices.

But the good seed this year is extra good, and we have on hand now the nicest lot of Nebraska grown, non-irrigated, weedless, hardy, thrifty alfalfa seed I ever saw. It is just as near perfect in germination, color and purity as alfalfa seed can well be. You couldn't beat it anywhere at any price. We will sell it to you subject to your own test and approval, and subject to the test and O. K. of your State Experiment Station or State College, or the U. S. Department of Agriculture. And if you know of any other place to send it, we will take their word for it.

This Nebraska grown seed is hardy enough to plant anywhere, as the winters in the uplands of western Nebraska are as severe as you are likely to find anywhere that alfalfa is grown at all.

I don't believe in using any of the dwarf sorts of alfalfa that are being boomed as being extremely hardy. They may be hardier than the Nebraska seed, but I very much doubt it, and they are likely to be very much dwarfer and lighter yielding.

Take my advice and don't fool with bargain counter seed. Insist on seed of pure yellow color, free from thistle, buckhorn, dock, or dodder, and testing at least 99.8% purity and 95 per cent germination—and see that you get it.

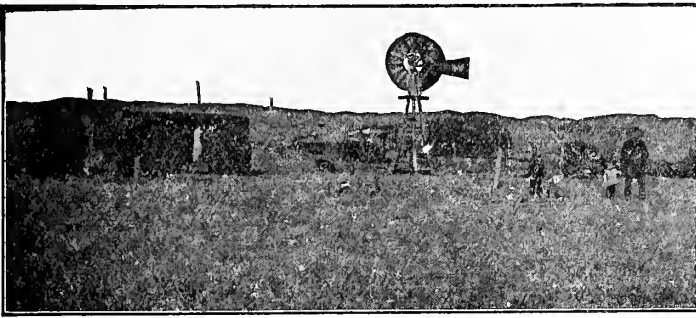
I know at least one place where you can get it.

Ask the Rural New Yorker

If you are in doubt as to "who is who" among western seed men, ask the Rural New Yorker. H. F.

Henry Field Seed Co., Shenandoah, Iowa

(OVER)



The Life of a Homesteader

"Dear Sir: Enclosed find order for seeds, also subscription to Seed Sense and my family group, stock, and residence combined, which you may put in Seed Sense if you wish.

Three years ago this was a bare country, now it is all settled up with a house on nearly every section. Our nearest town is 35 miles and it is five miles to school. I have two boys, 3½ and 5 years old, but I have taught them at home and they both can read and write.

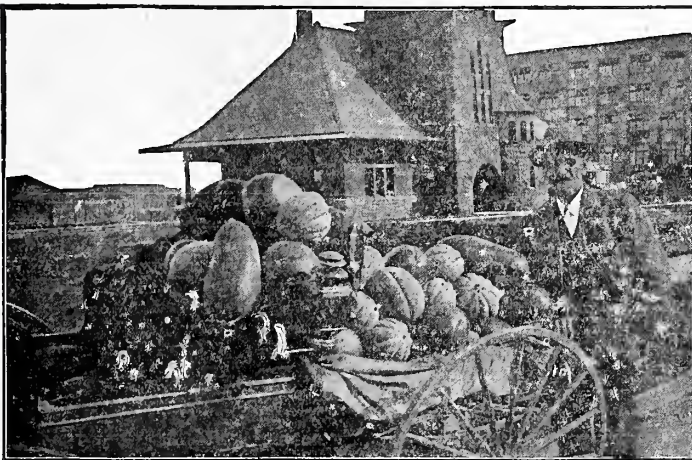
This is a sand hill country, but we raise nearly everything in an ordinary season, but last year was too dry. My husband and I done all the work that was done on this place, built the house, dug the well, made the windmill tower and set it up alone, and the 101 things there is to do on a homestead. I have been to town once in three years, so you know I am a run-a-bout. I have a nice pony and take both of the boys with me on the pony to the P. O., which is three miles. We go once or twice a week after the mail.

We have two horses and two cows that are not in the picture. Send me Catalpa trees along with the Seed Sense, and if you have any other little trees going to waste there, just send them along, and sample seeds of all kinds. Respectfully
—Mrs. May Huff, Dean, Nebr."

The Catalog a Cure for the Blues

"Dear Sir: About a year ago I answered one of your ads requesting a small sample of onion seed. You sent me a whole package. We moved last year too late in the season for me to plant onion seed, so I gave the package you sent me to my brother-in-law. He harvested over a bushel of nice onions from this seed, although onions were practically a complete failure here last year. I enjoyed your catalog and Seed Sense more than I can tell. When I get lonely and discouraged, as I often do, I hunt up your catalog and read it awhile and forget all my worry. It is just like going a visiting. I need only a few garden seeds this spring, but think I shall order of you. I have raised your Early June Tomatoes two years (very poor growing years, both of them) and will not plant anything else this year.

—Mrs. E. M. Humphrey, Twin Buttes, S. Dak."



Fine Luck With Perfection Muskmelon

"Enclosed find a picture post-card of a load of Field's Perfection Muskmelon and Tom Watson Watermelons. These were from the seed I got last spring and grown 10 miles east of Muskegon, Mich., the only trouble with them were not enough to meet the demand. This would make a fine cut for your catalog, or for the pamphlet you call "Seed Sense". If you wish this picture and could make a copy off the same, and return the original I would be much obliged to you, as this is the only one I have. Yours truly,

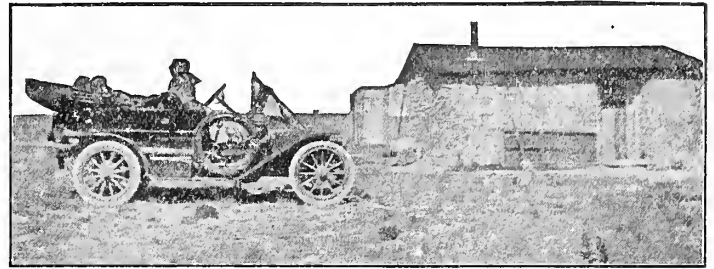
—W. H. Pontius, Chicago, Ill."

200 Pounds of Norseman Cabbage

"Dear Sir: Must tell you about my Norseman cabbage. It was the nicest cabbage I ever had, so early and solid. We used off of them all summer and sold 200 pounds. There are lots of small heads on them now. We leave our cabbage in the garden all winter here in the valley.

Yours truly,

—D. W. Boggs, Elmira, Ore."



This is a sod house we saw in Colorado when we were on our automobile trip. I imagine it is about the kind of a house that Uncle Ben refers to in his song.

A Homesteaders' Song

(As sung by Uncle Ben.)

I'll write you a few lines if only I can,
And tell you about my wonderful plan;
You'll find me out here on a Montana plain,
Starving to death on my Government claim.

I have a good time, I live at my ease,
On canned goods, crackers, old bacon and cheese,
Please come to this country, there's a home for you all,
Where the winds at times blow, and the rain seldom falls,
Where the sun never sets, but sweetly remains.

Oh! How happy I feel on my Government claim,
There's nothing to make a man hard or profane,
I've nothing to eat and nothing to wear,
The mosquitos possess both, our water and air.

For it's here I am settled, and here I must stay,
My money's all gone, I can't get away.
There's nothing to loose and nothing to gain,
While starving to death on my government claim.

Hurrah, for this country, the land of the free,
Where Jim Hill mustard is growing in glee,
Oh, I tell you its joy, I sing of its fame,
While starving to death on my government claim.

Hurrah for free homesteads, they don't cost a cent,
On ditches to build, the government is bent.
Our land we purchased, per, one-fifty to seven,
While the ditch will soar the price up nearer heaven.

The kind bankers are helping us to some extent
By loaning us money at twelve per cent,
For crops that seem bounteous we all look in vain,
To help pay the debt on our government claim.

The millions spent on harbors, That free!
While the homesteaders' taxes are gathered with glee,
Come: Join in the chorus and sing of its fame
Of a homesteader stuck, on a government claim.

—B. J. Schaerer, Ronon, Mont."



The Biggest Parcel Post Shipment on Record

This picture was sent me by L. Flichmann, of Basin, Wyoming, and he says it is the biggest Parcel Post shipment on record. It is a shipment of 1,000 pounds of Navy Beans, which he was shipping back into the mountains for supplies for the miners. He found that it was cheaper to send them by Parcel Post than it was by freight, on account of the high charge for teaming in the mountains.

It was lucky for him that they were eating Beans. If they had been beans that were intended for seed, he would have had to pay 8c per pound flat, instead of a zone rate of 1c per pound. It is one of the funny things you cannot account for that seeds do not get Parcel Post zone rate, but instead have to pay a flat rate of 8c per pound anywhere in the United States regardless of how short or how long the distance may be.

I wish you would write to your Congressman about it and ask him why he don't get it fixed so that seed wheat, seed corn, or garden seed which farmers buy in large quantities, and have to have sent by express, could come by Parcel Post at the same rate as other merchandise.

Field's Seed Sense

FOR THE MAN BEHIND THE HOE.

Published Monthly by the
HENRY FIELD SEED COMPANY
Field Building. Shenandoah, Iowa
And Printed in Their Own Private Printshop.

HENRY FIELD, Editor. ROSCOE ALLISON, Managing Editor.

SUBSCRIPTION PRICE 25 cents per year or 5 years for \$1.00.

ADVERTISING RATES made known on application.

Quality of Sweet Clover Seed

There is such a scarcity of sweet clover seed this year, and such a demand for it, that people are likely to lose sight of the question of quality, and there is just as wide a range of quality and value in clover seed as there is in alfalfa, or any other kind of clover seed. We have had to turn down at least half the samples of sweet clover seed that have been offered us for sale. Sometimes on account of weed seed, and sometimes on account of deliberate adulterations with other varieties of seed.

Three or four different seed houses have offered us seed of sweet clover, guaranteed to be genuine white blooming variety, and upon investigation we have found that it was over half Yellow Sweet Clover, and quite a percentage of Trefoil. Two or three of the samples contained no White Sweet Clover at all, but only Yellow Sweet Clover and Trefoil. Evidently imported seed, as the Yellow Sweet Clover is not grown for seed enough in this country to be on the market to any extent, that is the Biennial yellow. That is the variety used to adulterate the white with, as the seed of the Annual yellow looks so different that any one could tell it. The Biennial yellow resembles the white variety close enough that it can be used to adulterate the white with, and no one but an expert could tell the difference.

If you are buying much of any sweet clover seed, it will pay you to send a sample to your state experiment station or to the U. S. Department of Agriculture at Washington, and have them tell you whether or not it is pure seed.

You can tell for yourself however, if you will make a close study of the different varieties. The white sweet clover has a seed the same color as alfalfa, that is it is almost a clear golden yellow, except that of the immature shriveled seed will be dark or green color, the same as in alfalfa. The seed is rather flattened in shape, and dull in color. That is it is not shiny, but has rather a velvet surface.

The Biennial yellow seed is plumper and more nearly round. It is shiny and is more of a greenish or speckled color. Very few of the seeds will be clear yellow at all. All of them or practically all will show quite a green tint and more or less speckled like a bird egg, also they are noticeably more plump than the white variety, although about the same size. Trefoil seed resembles very closely the yellow sweet clover, but is still rounder and plumper. With white sweet clover the eye is near the end of the seed, and is situated in a decided spot or angle. With the yellow sweet clover the eye is near the end the same way, but there is practically no depression. Alfalfa seed is inclined to be more of a kidney shape and the eye is near the middle of the seed. If you find seed in your sweet clover that are kidney shaped, and the eye in the middle, you probably have alfalfa.

The weed seeds to watch out for in sweet clover, are Johnson Grass, Russian Thistle, Wild Sunflower and Jim Hill Mustard, also another mustard with a larger seed which I cannot identify, which I have seen in samples of seed from Kansas. If you have some sweet clover seed about which you are in doubt, send me a small sample, and I will give you my opinion as to its purity. I don't claim to be infallible by any means, but I have handled lots and lots of seed, and I can tell you whether or not it contains any harmful adulterants or dangerous weeds.

Yellow Sweet Clover

There are two varieties of the yellow sweet clover. One is the Biennial yellow, or *Melilotus Officinalis*. This is not as large as the big white variety, blooms earlier, and does not make as big a yield. We do not grow it here and do not have it. It is grown so little that the seed is hard to get, and there is practically no demand for it anyway, so we have not bothered to carry it in stock. We did happen to have a bag or two of it earlier in the season, but it is all gone now, and we will not have any more of it.

The other yellow is the *Melilotus Indica*. This is a dwarfish, low growing variety, generally grows about a foot high. It is an Annual which blooms and bears seed the first year. Its only advantage is that it grows quick the first year, and that the seed is very cheap, but we do not advise planting it, as we do not think it makes yield enough to justify bothering with it. We carry the seed because there is some call for it from people who want to get sweet clover seed very cheap. We sell it at 9c per pound, which is all it is worth. It is solid, clean, hulled seed, and as good seed as you could get of this variety.



Ruth and Her Papa

She don't get to see her papa very much of the time these busy days, and when she does get him she has to do lots of loving to make up for lost time.

Cow Peas

There is going to be a big demand for Cow Peas this spring and the supply of seed is very short, owing to the hot, dry weather in the south and southwest, where the seed all comes from. There is not going to be enough seed to go around, and the prices are going to be considerably higher than last year.

We have about 50 bushels bought from a farmer in Arkansas of very nice seed, and we are going to leave them there for a little while, so that we can fill orders and have them shipped right from his place and save some freight for both us and the buyer. If you are interested in Cow Peas, write me soon about these peas we have in Arkansas, and I can arrange to have them shipped direct to you. They are the pure Whip-poor-will variety.

Amber Cane

We have some very nice Amber Cane seed that would be suitable for either fodder or syrup purposes, stored at Brady's Island, Nebraska. It was grown there and we have not yet had it shipped in. We are going to leave it there for a little while until we see whether we will need it shipped here, or will want it shipped on orders direct from there. If it would be a saving of freight for you to have it shipped from Brady's Island, write me soon about it, and I will quote prices on it.

Praise For Mississippi Girl

"DEAR MR. FIELD: I have just made out my order for seeds and am writing this personal letter to you to let you know how much we appreciate your fine grade of seeds. I think we were the very first people in this part of the country to order seed from you and now several of our neighbors order from you and think that Field's seeds are the only ones worth having. I always recommend them to our friends, for I want them to get the advantage of all the good things in circulation.

We especially boost your Mississippi Girl tomatoes. I think they are the very grandest canning tomatoes I have ever seen, and I have tried a great many kinds. Last year we had Early Junes, New Stones and Mississippi Girl, and everyone that saw them or helped work with them said that the Mississippi Girl were by far the finest. Everything you said about them in your catalog was so, but you omitted what we found to be one of the finest features, that is, the absence of a hard core where the stem grows in. You might say that there was no waste whatever in canning on account of such a core, it is often most entirely without one.—ALLIE DENMAN, Smithdale, Miss."

Norseman Takes Prize at Spokane Fair

"Dear Sir: I will write you a few lines in regard to the Norseman Cabbage. The packet of seed that I tried last year was just fine. Raised some of the finest heads you ever saw. Took the prize in the Washington display Spokane fair. I thought I would get to send you the report in time for the contest. Had some pictures taken of them, but didn't get them in time to send.
—Mrs. Ed. Howell, Polouse, Wash."

HENRY FIELD

WRITE HERE any special instructions regarding order. If you write a letter, especially one requiring an answer, put it on a separate sheet. All extras, leaflets, etc. that are wanted, write on the Order Sheet and not in a separate letter, or you may lose out on them.

Post Office Department		No.				
Third Assistant Postmaster General		Stamp of Issuing Office				
DIVISION OF MONEY ORDERS						
The Postmaster will insert	<table border="1" style="margin: auto;"> <tr> <td style="padding: 2px;">Dollars</td> <td style="padding: 2px;">Cents</td> </tr> <tr> <td style="height: 30px;"></td> <td style="height: 30px;"></td> </tr> </table>	Dollars	Cents			<div style="border: 1px solid black; width: 100px; height: 80px; margin: auto;"></div>
Dollars	Cents					
here the office drawn on, when the office named by remitter in body of this application is not a Money Order Office						
Spaces above this line are for Postmaster's record, to be filled in by him.						
Application for Domestic Money Order						
Spaces below to be filled in by purchaser, or if necessary, by another person for him.						
Amount						
		Dollars Cents				
Pay to Order of } HENRY FIELD SEED CO.						
Whose Address is } No. Street						
Post Office } SHENANDOAH State IOWA						
Sent by (Name of Sender)						
Address of sender } No. Street						
PURCHASER MUST SEND ORDER AND COUPON TO PAYEE						

Here is an application for a Postal Money Order all ready for you to fill out and give to your Postmaster with the money for your order. The fee is 3c on \$3.00 or less and 5c on \$5.00 or less. You may deduct this from the amount of the order. H. F.

205 Gladiola Bulbs for 25c

Part Will Bloom This Year and all Next Year

We have a big surplus again this year of the little Gladiola bulbs, or bulblets as they are called and will make a special offer on them of 200 for 25c with 5 larger bulbs thrown in extra.

The little fellows will grow very easily and will practically all bloom next year and in order to give you an idea of what you will get, I will put in 5 blooming size bulbs that will sure bloom this year.

These are from a fine strain of Gladiolas and will make big flowers and fine colors. The blooming size bulbs that you will have by next year from this collection would cost you several dollars to buy. I guarantee them to grow and prove satisfactory to you or I will refill the order free.

Full directions with every package.

Just tear out this notice, wrap 25c in stamps or silver in it and send

it to me and I will mail the bulbs promptly.

5 Collections (1025 Bulbs) For \$1.00



Henry Field Seed Company

Shenandoah, Iowa

Order For SEED SENSE

If you are already a subscriber and are paid up so you do not need to send a renewal, please cut this out and hand it to some friend who ought to have Seed Sense.—Or it would be mighty nice of you to send in a subscription for some friend. It's a present they would enjoy. You can wrap the 25c in this or add to your order.

To Henry Field, Shenandoah, Iowa

Please send Seed Sense for 1 year to the address below for which I remit 25c.

Name

Postoffice State

Route, Street Number or Box

Send premium checked below;

2 Grape Vines, 2 Catalpa Trees, 2 Dahlia Bulbs, 2 Everblooming Roses
 2 Boys' Watermelon Collections, 6 Daffodils, 6 Tulips, 6 Crocus,
 1 Chinese Sacred Lilly, 2 White Hyacinths

A Binder for SEED SENSE

For 25c or Free as a Premium

I have at last got hold of a dandy binder for Seed Sense. It's no flimsy, dinky affair either. It's made of solid binders board, covered with a fine quality of book cloth, has a patent automatic locking back that holds the papers without their having to be pierced and will hold solidly anything from one copy to an inch.

I tell you it looks swell and looks like it must have cost about \$1.00 but by getting a big lot of them made and by talking nice to the people that make them, I have got a price of less than half that.

Now I want every reader of Seed Sense to have one of these to keep Seed Sense and the seed catalog in and if I was rich enough I would make every one of you a present of one of them, I can't do that though but I am going to go part way,

I will send this Binder postpaid for 25c or I will send it absolutely Free for 4 Seed Sense subscriptions, in addition to the regular premiums or I will send it free with an order for seeds amounting to \$5.00 or over.

Just write your name and address on the back of this notice and pin it to your order or letter or subscriptions, H. F.

A Card of Introduction.

To Henry Field, Seed Co., Shenandoah, Iowa.
 This will introduce—

M

of (P. O.) State

Route, Street Number, or Box

Who would enjoy having the seed catalog and a sample copy of Seed Sense, which please send free at once.

Recommended by

of

(This blank is for your convenience in sending me the name of some friend who is not getting my catalog but who should be a customer of ours. If you are not already getting our catalog fill in your own name at the top. Or if you do not wish to send this in yourself, clip it out and hand it to some friend, first writing your own name at the bottom so I will know who it is that is spreading the good news.)

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To Henry Field Seed Co., Shenandoah, Iowa.
 This will introduce—

M

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Route, Street Number or Box

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The Seed Sense Pictures

Of course every one is interested in the pictures we have in Seed Sense. And they are especially interesting to the people whose pictures they are. I don't suppose many of you stopped to think that now, after the cut or printing block is made, you could get it and use it on a letter head or in a booklet or to print postcards from and so on.

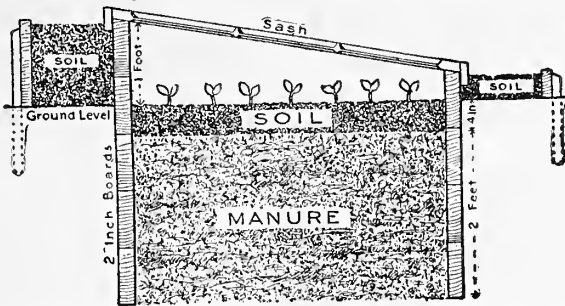
Now, here is what I am getting at. If I have used in Seed Sense or the catalog some picture of you or your people or your children or your farm or products, I can send you the cut or block and you can have your local printer use it in the home paper or on your letter head or for postcards or anyway you wish. They cost me about \$1.50 each to get made (more for extra large ones) and I will let you have them at that price to keep. You can use them hundreds of times.

Now, here is something else again. I can print you postcards from those pictures here in our printshop. Dandy nice postcards too, on enamel postcard stock. I can print them and mail them to you at \$1.00 for 100 and 50c per 100 for all additional of the same cards printed at the same time. That is, 300 cards all alike would cost \$2.00, and 400 would cost \$2.50 and so on.

Time to Make a Hot Bed

If you haven't already done so, you should get busy at once on a hot bed if you expect to have one. In this latitude, southern Iowa, we generally aim to get the hot bed all made by the first of March, but you can have good success with one, any time during the month of March. The tomato plants cannot be put out into the open ground until about the middle of May, so if you had your hot bed ready by as late as the first of April, it would give you time to get the plants ready to put them out doors, as the plants will grow to be good sized in six weeks time. Cabbage will be plenty big in that time, and tomatoes generally so.

It is best to cover the hot bed with glass, although you can have fairly good success with a hot bed covered with cheap thin muslin. Glass of course is the best and is not very expensive. You can use any old window glass you happen to have. The ready made hot bed sash are of course better. The regular hot bed sash are 3 feet wide by 6 feet long, and cost from \$2.00 to \$3.00 each, depending on where you buy them. Local dealers will generally charge you from \$3.00 to \$3.50 for hot bed sash, but you can order them from some of the factories, who sell direct, and get them as low as \$2.00 each.



The picture given here shows how the bed should be made, better than I could tell you. You can figure out from that picture just exactly how to fix it. I do not think it is necessary, however, to use boards two inches thick for the sides. We generally use just ordinary inch boards, although the diagram calls for two inch boards. A hot bed 3x6, which you could cover with a single hot bed sash, will be plenty big enough for all the tomato, cabbage, and pepper plants you need for home garden. Two sash would make you room to raise some to sell. There is good money in it too, for the plants are always good sale. I generally sow the seed in rows about four or five inches apart, and aim to get about two or three seeds to the inch in a row. This would mean probably 200 plants in a row 6 feet long across the hot bed. Of course you would get a little better plants by putting them thinner, but if you don't need very many plants, I would advise you planting thinner, or thinning out after they get up.

A Binder For Seed Sense for 25c or Free as a Premium

I have at last got hold of a dandy binder for Seed Sense. It's no flimsy, dinky affair either. It's made of solid binders board, covered with a fine quality of book cloth, has a patent automatic locking back that holds the papers without their having to be pierced and will hold solidly anything from one copy to an inch.

I tell you it looks swell and looks like it must have cost about \$1.00, but by getting a big lot of them made and by talking nice to the people that make them, I have got a price of less than half that.

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Maud Brower, Hamburg, Iowa, and her pets, Trixie, Dixie, Buster, and Baby. They are certainly a fierce looking lot of dogs, evidently Eskimos. We used to have one of that kind, but it was all the time running out and barking at trains and autos, so we gave it away. I suppose these dogs are perfectly nice though and never would bark at anybody.

The Cob Muskmelon

Did you ever see the old-fashioned Corn Cob Muskmelon? It is also called the Apple Core Melon, and possibly it may have several other names. We get letters about it every once in a while from people who have been out west in western Kansas, or Nebraska and we very often have inquiries for the seed, but we have never been able to find it until now. We had a man in the sandhills of western Nebraska grow us some of the seed, and although he had a poor crop on account of the dry season, we have a few pounds of the seed, and can fill a limited number of orders for it. The melon is yellow, or a greenish yellow outside when ripe, about the size of an ordinary, medium sized muskmelon, and grows the same way, but is different in flavor. The flesh is white and rather mealy. It gets its name from the fact that the seed cavity instead of being hollow, as in most muskmelons, is solid, and the seed comes out in a solid chunk, which is generally dried down for keeping next year. In a dried form it looks like a small corn cob.

We have put up a few hundred packages of the seed, and the price, while they last, is 10c each, postpaid.

Squaw Corn

Lots of people are asking if we have the old-fashioned squaw corn. Yes, we have it. We have some that is spotted, all colors, and we have some that is a solid blue in color. It is a smooth, flinty kind of corn, but is not as hard as the regular flint corn. It is more starchy, or chalky inside. It is the kind that was used by the Indians on the plains in the west and northwest. We can furnish a limited amount of the seed in small quantities @ 25c per pound postpaid, or in larger amounts @ \$3.00 per bushel, or 90c per peck, to go by freight or express.

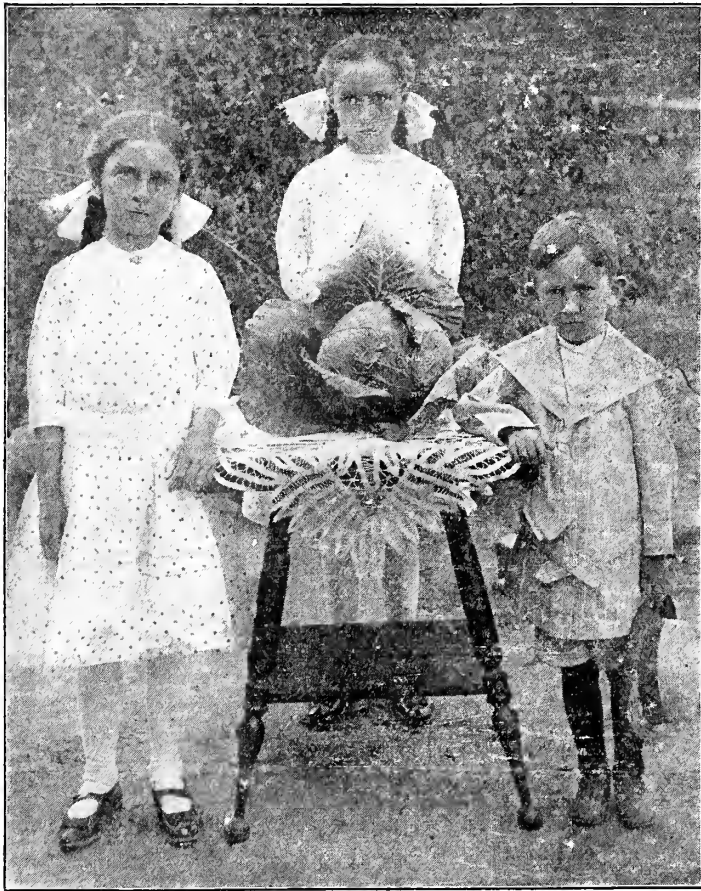
A Test of Our Sample Packet of Alfalfa in Arkansas

"Dear Sir: I thought I would write you a letter and give my experience with some alfalfa seed you sent me. Two years ago I moved here from Nebraska. No one here is trying very hard to grow it. Several of my neighbors said to me: 'It is no use, you had better go slow on alfalfa. We have tried it, it just won't live and grow. It will come up and start off to grow, but in a short time it has all died off.' Last spring you sent me a sample of alfalfa seed, so I thought I would try it out for myself. I prepared a piece of ground, which was not very rich, but in fair condition. I gave it a coat of lime to make sure it would not be sour. I sowed the seed about April 1st and in a few days it was up. It seemed as though every seed had grown. On the 10th day of June it averaged a height of 15 to 18 inches, was blooming and I cut it. On the 10th day of July it was the same height, blooming and I cut it again, some of the stems being 24 inches high. On the 10th day of September it was blooming again, but was not so high, for it had been hot and dry during July and August, but I cut it again. About the 5th day of September we had a good soaking rain, and from then on we got plenty. Well, that alfalfa took a fresh start to growing, and on the 22nd of October I cut the heaviest crop I had, making 5 cuttings, and it was sown in April. Of course I kept the weeds and grass pulled out from it, and today it has an 8 or 10 inch growth more and looks green and nice. So that convinces me that if the conditions are made right, alfalfa will grow here. So I have prepared a piece of ground and am going to test out an acre next spring.—E. L. MALLORY, Russellville, Ark."

How to Cook Salsify or Vegetable Oyster

"Run the plants or roots through a meat chopper nice and fine and stew it in a half teacup of water for 35 minutes and then add a small piece of cod fish 1½ inch square. This gives it the ocean flavor. Don't forget the cod fish!

—A. L. MACKNELL, Ashland, Ore."



The Norseman Cabbage in Arkansas

"I can sure speak well for your Norseman Cabbage. They are far ahead of any early cabbage we have ever grown here in old Arkansas. We have had white cabbage ever since June 10, and still have them, from a small package we bought in the spring. They don't show any sign of bursting at all. I enclose a picture of the children and one of the heads taken June 14.—LIZZIE DAVID, Greenwood, Ark., R. R. 4."

\$287 Worth of Norseman From an Ounce of Seed

"Dear Sir: I aint much of a hand to write, but I can't help praising your seed. I think it is the best seed I ever planted. Your Norseman cabbage is a world beater. I sold \$287 worth from that ounce of seed I got from you last year.—Ambrose Davis, Niles, Mich."

Norseman—His Idea of What Early Cabbage Should be

"Dear Sir: One year ago today I sent you an order for seed, and among other things ordered a packet of Norseman cabbage. I found this to be the nearest to my idea of what an early cabbage should be of any that I have ever tried. It is early, has quality, and stands well after heading. With best wishes for a prosperous year, I remain, Yours for good seed,

—O. T. Crouse, Dixon, Ky."



These are the three bright children of Roy T. Button, Alliance, Ohio. Thelma is 6, Harold 5, and Henry 13 months old.



More of Our Cabbage in Arkansas

I have lost the letter that goes with this picture, but it is marked as having been sent in by Mrs. B. B. Hearnberger, Fordyce, Ark., and as being some of our cabbage. There's probably a nice letter somewhere that came with it, but I must have lost it. It is very evident that it is the Norseman cabbage. You can tell it anywhere by the looks of it. And it certainly is a mighty fine pile of cabbage.

Norseman Cabbage and Early June Make Another Friend

"Dear Sir: Your Norseman Cabbage is certainly a wonder. It was very dry here, almost no rain after the middle of April, yet I raised as good cabbage as I ever have under very adverse circumstances. I shall want some seed this year, as I believe it will produce the best early cabbage of any variety within my knowledge. Early Jersey Wakefield does not compare with it.

The Early June tomato outclasses all others for earliness and quality. I sold one grocer all the tomatoes I had to spare and there were no other home-grown tomatoes on the market here until several weeks after I had offered them. I sold \$25 worth besides what we used from 75 plants. Had I been prepared to water them, I have no doubt but that they would have averaged \$1.00 per plant. Yours truly

—O. R. Hedden, Robinson, Ill."



A Kansas Boy

This is Jesse Reece Shelton, son of J. W. Shelton, Louisburg, Kans. He is 5 months old and weighs 24 lbs., and is a lover of Field's garden stuff.



"Shelling Peas"

Picture sent by Mrs. Charles E. Walker, Hardy, Montana.



Some Illinois Watermelon Girls

There is one boy in the picture, but the girls want it understood that the melons are theirs. Virgil Sheppard, one of the girls, writes as follows: "These are some of the watermelons we raised from your seed. They were small on account of the drouth, but I don't think I ever eat better melons."—VIRGIL SHEPPARD, Murrayville, Ill."

Early June Can't Be Beat

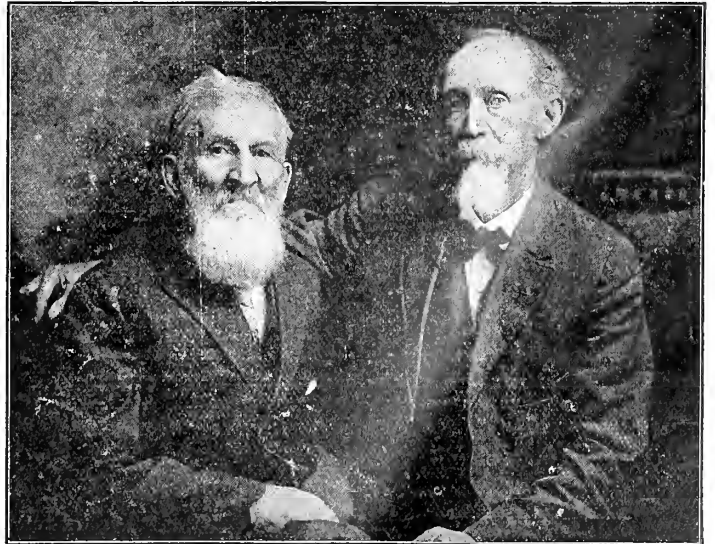
"Friend Henry: I am sending you an order for garden seeds and a plow. I think your catalog is a dandy. I never get tired of reading it and my, that Early June tomato can't be beat. I believe anyone dealing with you will be sure to get their money's worth, because your seeds are good and packets well filled. Yes, I will speak a good word for you whenever I can. I would like to know where I can get a good vegetable fertilizer. Will you please tell me of some reliable manufacturer? I would like to know how much it takes for a row hundred feet long, for such as radishes, lettuce, beets and peas, as I mean to put it in the row and not to broadcast it. How much does it take for each hill of cabbage and tomatoes. Hoping I am not asking too much of you, I am, yours truly,

—J. H. Baird, Ozark, Mo."

A Good Iowa Booster

"DEAR SIR: As I received your catalog the other day and was glad to get it, I have been looking it over. But I am not through with it yet. It is a nice book. I expect to order some seed corn after a while, and some of your Early June tomatoes. We got some of you last year, and they were fine. We sold all we had to spare. They can't be beat, they are so nice and smooth and such fine eating. I want some more of them this year. Your other seeds that you sent us grew fine, so I know what I am buying when I buy of you. We have planted your seed for a long time, so I know what it is. I wish you would tell me which corn would be the best for this climate. I don't do much writing myself, but I thought I would write you what I thought. Now, Mr. Field, if you want to send me some of your catalogs, I will gladly give them to my neighbors. They don't know about you, so I will do the best I can for you. This is all for this time. Yours truly,

—C. E. GREEN, Wallingford, Iowa."



Chums For 60 Years

This is my father, Hon. S. E. Field, 79½ years old, and Hon. A. B. Mann, 75 years old. My father was born in Massachusetts, but came west when a young man and lived 50 years in Illinois and Iowa, and now lives in Redlands, California. This picture was taken in California recently when Mr. Mann was there on a visit. They were boys together, served in the army together, and I'll bet they enjoy talking over old times.



Evergreen Trees by Mail, \$1.00 Per 100, Postpaid

Now don't get unduly excited. These are not big trees, big enough to hang a hammock on. They are little seedlings, 2 years old, and from 4 to 6 inches high, or about 8 to 12 inches long, roots and all. They are good stuff though, nice and thrifty and healthy, and guaranteed to reach you in perfect condition by mail.

They are grown by a nursery man who makes a specialty of evergreens and who is one of the few men who have made a success of growing them from seed.

The little trees are not big enough to plant right out where you expect them to stand in the open, but should be grown in a sheltered bed in the garden for a year or two, then they will be ready to put where you want them. Of course this will be some bother, but it will be worth while, for you know what it will cost to buy big ones. You would pay anywhere from 20c to \$1.00 apiece. You can buy these little trees for \$1.00 per 100 (some a little more), and grow them yourself and in two or three years have just as good trees as you could buy.

These varieties are all ones that have been thoroughly tested and found to be absolutely hardy and reliable.

Shipment will be made in April and May. Get your orders booked now while there is sure to be plenty of stock. Trees will be sent by mail postpaid at the proper time. If any variety is sold out you will be notified promptly, so that you can cancel or change the order.

Here is the List. Take Your Pick.

100 Norway Spruce, 2-yr. seedlings	\$1.00
100 Scotch Pine, 2-yr. seedlings	1.00
100 White Pine, 2-yr. seedlings	1.00
100 Ponderosa Pine, 2-yr. seedlings	1.00
75 Austrian Pine, 2-yr. seedlings	1.00
25 Colorado Blue Spruce, 2-yr. seedlings	1.00
25 Black Hills Spruce, 2-yr. seedlings	1.00

All delivered postpaid, safe arrival guaranteed. These are all put up in packages as listed above and packages cannot be broken, so don't ask for odd amounts.

SPECIAL OFFER.—3 packages for \$2.70 or 6 for \$5.00, either all alike or assorted to suit.

Complete planting instructions and cultural directions will be furnished with each order. People who have been getting them say they are as easy to get to live and grow as cabbage or tomatoes or strawberries.

Well Pleased With Early June

"Those June tomatoes are all right. At one time there were 53 large tomatoes on one vine. We did not get them out early, but had tomatoes the first of July.

—Mrs. A. Dillard, R. 1, Griswold, Ia."



In the Valley of the Nishna

This Nishna valley is probably the richest corner of this rich state of Iowa. It is rich black soil, with enough sand in it to make it mellow and keep it from caking. There is no wear out to it. It is black clear down. It grows the finest corn in the world.

Mountain Grown Sweet Corn

You know we grow our beans and peas out in Idaho, way up at a high altitude, to get the extreme hardness and earliness, also to get away from the weevils. We get some mighty fine seed from there. Mr. Pitzer, the head of the garden seed department, was out there for a long time during the summer, watching the growing crops, and pulling out stray vines, and checking up in general. We know absolutely what every lot is like, and have seen it growing. No guess work about it.

After the peas and beans were harvested and threshed, they were shipped here to us, and we re-cleaned them and hand-picked them. We had half a dozen girls working for a month hand-picking the beans or peas, and putting them in the very best shape possible. We have beans and peas to be proud of.

What I started to tell about though was some early sweet corn we had grown out there. We found a market gardener, who had been growing Golden Bantam, and White Mexican Sweet Corn for several years, saving his own seed and getting it acclimated. We had him grow about 1,000 pounds of each variety for us, and if you want something extra early in sweet corn, we can furnish some of this seed. Ask for the Idaho grown Golden Bantam, and White Mexican. The price in small amounts, that is pints, quarts, and packets, is the same as our other stock of the same variety. On bulk amounts to go by express or freight at your expense it is 8c per pound net f. o. b. here. The germination is about 75 to 80 percent, not quite such good germination as our Iowa grown seed, but it sure ought to have the earliness.

The Logan Berry

We are getting lots of inquiries about the Logan Berry, and evidently some one is pushing it vigorously.

The Logan Berry is all right out on the Pacific Coast, it is a very fine berry, but I am sorry to say, it cannot be grown at all except on the Pacific Coast, and on the south Gulf Coast. It is very tender to freezing. Zero weather will kill it root and branch, and even much less cold than that will kill the tops, so that there will be no fruit. It is a little harder than oranges, but not very much. It would be a waste of time and money for anyone to plant it outside of the Pacific Coast country, or the south Gulf Coast.

Another worthless novelty that is being boomed hard somewhere, is the Tree Raspberry, Tree Strawberry, or the Raspberry-Strawberry. We are getting lots of inquiries about it. Our experience has been that it is absolutely worthless.

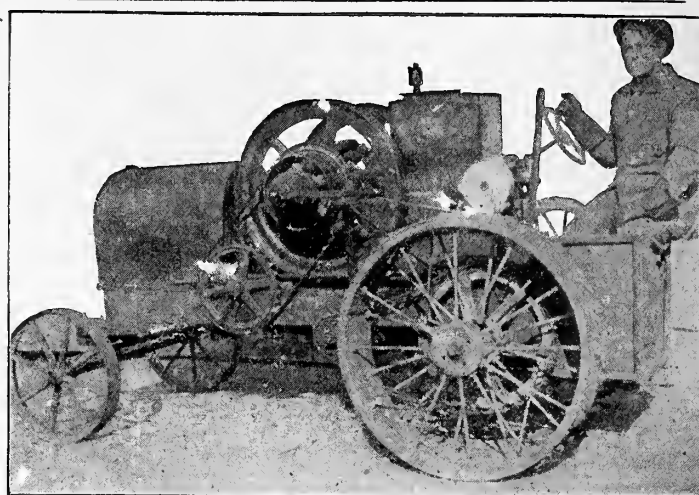
Incidentally, I might state that our old friend, the Himalaya berry, is pretty close to the same class. We have had it for two or three years, getting plants from the introducer, and it has never borne fruit yet, although we gave it every chance in the world. We put one plant against the south wall of the seed house where even sweet peas and beets lived through last winter without winter killing, and it killed back entirely so that there was no fruit. Another plant out in the garden, was heavily mulched, one winter with dirt, and one winter with cornstalks, or something of that sort, and both winters it killed back entirely.

When I was down in Missouri last summer, I saw a plant with some fruit on it, but the fruit was comparatively small, and nowhere near as good as an ordinary blackberry, so I feel that I haven't lost much even if my plants never did bear.

Early June a Success in Michigan

"Dear Sir: We tried your Early June Tomatoes last year with great success, they certainly are fine for an early tomato and bore well until frost came. We have lots of trouble ripening tomatoes up here on account of early and late frosts, but with the Early June plants well started before putting in the ground, they do fine. Yours truly,

—R. C. Garlough, Dufree, Mich."



A Home Made Tractor

This is a real tractor, and it will really work fine. It was made by an Iowa boy, Joseph Almquist, Essex, Iowa, who is shown in the picture. He made it out of old machinery picked up around the farm, and a small gas engine they already had. It will pull anything on the place, or will stand still and run any kind of machinery.

I Get Called Down

I suppose the best authority and the biggest crank on Kaffir Corn and Feterita and that class of crops in the whole United States is John Fields, of Oklahoma, the Editor of the Oklahoma Farm Journal.

Like most intelligent people, he is a close reader of Seed Sense, and I get letters from him practically every month commenting on something I have written there.

This month he went straight up in the air, because he found on page 14, of the February issue, where I had recommended the planting of three to five pounds of Kaffir Corn, or Feterita seed per acre. Here is what he says about it: "When you tell them to plant three to five pounds of Kaffir Corn, or Feterita per acre, I quit. I wish you would weigh out a pound of good Kaffir Corn, and have one of the girls count the seeds in it. She will find somewhere between 23,000 and 24,000. A little bit of figuring will show that one pound of Kaffir Corn or Feterita to the acre is enough anywhere, because it will put one seed every 6½ inches apart in rows 3½ feet apart. For most of our western country ½ pound to the acre is ample. We have fallen down with all the Kaffirs, because we have placed them in such close competition with each other that they have no possible chance to mature a crop of grain when extreme conditions come. With kind regards and best wishes, I remain, Faithfully Yours, JOHN FIELDS."

All right, I stand corrected. I know John Fields knows what he is talking about, especially on Kaffir and Feterita, and if he says a pound to the acre is enough, I will plant a pound to the acre hereafter.

He also calls me down about the photograph at the top of page 14 in the February number. You remember I said that came in from some customer, and I was not sure where it came from, or just exactly what it was, but I was quite sure that it was Feterita. He insists that it is Kaffir Corn, because it stands up so stiff and straight. He says none of the Sorghums, except Kaffir Corn, stands up as sturdy and straight as that, that Feterita is inclined to sprawl out more, and the head is a little rounder in shape. He sent me a photograph of a field of Feterita, which proves his statement. If I can get the cut made in time, I will put it in this issue, if not, I will have it in next month.

You can't get me into a quarrel with John Fields. He knows too much about Kaffir Corn, and Feterita and that stuff for any common man to quarrel with him, but anyway, that field shown in that picture at the top of page 14 last month, was a mighty nice field of Kaffir Corn, Feterita, or whatever it may be, and if it isn't Feterita, it looks good enough to be that anyway. Remember that whether it is Feterita, or whether it is Kaffir Corn, that I have some dandy good seed of either one, which I can sell you at reasonable prices and guarantee you extra fine quality. I can sell you fodder grades @ \$2.00 per bushel, or pedigree high grade stuff @ 8c per pound. Either in the head or shelled, just as you prefer. Also I can furnish you Dwarf Straight Neck Milo, grown in western Kansas, at the same price.

White Wonder Cucumber Fine For Oklahoma

"Henry Field: Now, don't fuss, I cut the order sheet out, and the children got it, of course I can't help it now, so I had to use the duplicate, but I think it will go all right.

I want to inform you of something, if you want to boost for Oklahoma, something that will do well. Just boost the White Wonder Cucumber. My, you ought to see them grow here. I have some of them canned two years ago, in glass jars and they are the prettiest things you ever saw.

Yours truly,

—Sollie Garvin, Katie, Okla."

Wholesale Net Prices For March, 1914

Good to April 1st, 1914

on Clover, Alfalfa and other Grass and Field Seeds Which Fluctuate in Price

Address all orders to Henry Field Seed Co., Shenandoah, Iowa

Time Limit. Note that these prices are good only till April 1st, 1914, and if you do not buy in that time you should write for our new prices.

These prices are f. o. b. Shenandoah, customer to pay the freight. If you want delivered prices we will make a special estimate for you on request.

No extra charge for sacks. All seeds are sold "sacks weighed in." Remember this when comparing prices.

Prices are strictly net, spot cash, and no discount.

Safe arrival guaranteed. Clover and alfalfa seed are generally double sacked, and everything is well packed. We guarantee that all seeds will reach you in good order.

Sold on approval. These seeds are priced and sold with the understanding that if not found perfectly satisfactory they may be returned at our expense and your money will be refunded. You can be the judge of quality.

One grade only. We quote on one grade only, the highest possible grade. We do not believe in low grades, and do not wish to encourage the use of them. Good seed is the cheapest in the long run.

Subject to inspection. Any seeds (especially clover, alfalfa, and grass seed) purchased from us may be submitted to any State or National experiment station for test and inspection, and if they do not report the seed first class it may be returned at our expense and your money will be refunded.

Reference. First National Bank of Shenandoah, Iowa.

Free Samples. We will gladly send free samples of any kind of seed quoted here.

Subject to sale. All prices are subject to stock being unsold on receipt of order.

Iowa grown. Wherever possible these seeds are Iowa grown. On special inquiry will gladly tell you where the seed is procured if not Iowa grown.

Tested Seed. All seed offered here is first tested by us for germination and purity in so far as is practicable. We do not intentionally offer any seed that does not show high test for purity and growth. On most seeds we also get U. S. and state tests to verify our own. **Order early.** When you are ready for the seed you will want it mighty quick. Better order early and have the seed ready. Freight blockades and delays sometimes make lots of trouble for us and for those who order late. Besides, prices are sure to advance as the planting time draws near.

Clover (60 lbs. per bu.)	Per bu.
Medium	\$10.75
Mammoth Red	11.50
Alsike	12.90
White	24.00
Crimson	6.00

Timothy (45 lbs. per bu.)	Per bu.
Home grown	3.00

Timothy and Clover Mixed (50 lbs. per bu.) About 30 per cent clover.	Per bu.
Timothy-Alsike Mixture	5.50
Timothy-Red Clover mixture	5.00

Alfalfa (60 lbs. per bu.)	Per bu.
Northern grown, non-irrigated	9.00

Sweet Clover (60 lbs. per bu.)	Per lb.
Yellow Bloom (Annual)	09
White Bloom (Hulled)	30
" " (Unhulled)	24

Blue Grass (14 lbs. per bu.)	Per lb.
Kentucky	18
English	15
Canadian	15

Orchard Grass (14 lbs. per bu.)	Per lb.
Brome Grass	14

Vetch	Per lb.
Spring or Summer	07
Sand or Winter	11

Red Top or Herds Grass	Per lb.
Solid Recleaned Seed	26
Unhulled Seed	15

Millet (50 lbs. per bu.)	Per bu.
German	\$1.75
Fodder	1.60

Grass Seed Mixtures	Per lb.
Permanent Meadow Mix	13
Permanent Pasture Mix	13
Lowland Pasture Mix	13
Quick Action Hog Pasture	4½
Lawn Grass Mixture	25
Timothy-Alsike Mixture	11
Timothy-Red Clover Mixture	11

Fodder Cane (50 lbs. per bu.)	Per bu.
Amber type	\$2.00
Orange type	2.00

Kaffir Corn (56 lbs. per bu.)	Per bu.
White for fodder	\$2.00

High Grade Sorghums, Kaffirs, Etc.	Per lb.
Most of these can be supplied either shelled or in the head.	

Short Orange Syrup Cane	10
Early Rose Syrup Cane	10
Silver Tip Syrup Cane	10
White Kaffir (Pedigreed)	10
Broom Corn, Evergreen	10
" " Dwarf	10
Milo Maize, Dwarf	10
Red Kaffir	10
Feterita	10
Shallu	10

(Any of the above 8c per lb. in lots of 50 lbs. or over.)

Alfalfa Dirt. Dirt from on old alfalfa field for inoculating. Per 100 lb. sack. \$1.00

Wheat	Per bu.
Spring (home grown)	\$1.40
Spring (Marquis)	2.00

Buckwheat	Per bu.
Japanese	1.75
Silverhull	1.65

Barley	Per bu.
Beardless	1.50

Oats	Per bu.
Kherson (Home grown)90
Swedish Select (Home grown)90
" " (Canadian grown)	1.25

Cow Peas	3.50
Soy Beans	3.50
Canada Field Peas	2.75
Speltz	1.00

Rape	Per 100 lbs.
Dwarf Essex	7.00

Seed Potatoes	Per bu.
All Red River Grown	
Early Ohio	1.50
Banner	1.50
Extra Early Waubonsie	1.50
(If boxed or barreled 10c per bu. extra.)	

Onion Sets	Per Bu.
For Spring Shipment	
Yellow	3.00
Red	3.00
White	3.25

Grass Seeder	Per bu.
The Cyclone	1.50
Little Wonder	1.00

Shall We Fill Exact Amount Ordered or According to Money Sent?

There is always trouble about people who order on an advancing market, from price lists which have expired. We will stick to the time limit as given at the top of this sheet, but after the time has expired, new prices, higher or lower, as the case may be, will govern. In that case we will send you the amount of seed the money sent will pay for, unless you instruct otherwise.

So when you order, be sure and specify whether we are to fill for the amount of money sent, or ship exact amount ordered—difference in price, if any, to be adjusted afterward.

But you can always avoid trouble of this kind by ordering inside the limit given above.

What About Inoculation?

Really you musn't worry too much about it, nor take it too seriously. Of course there is something to it, but not nearly so much as some people would lead you to believe.

It is more than likely that what your land needs is drainage, and lime, and fertility, rather than inoculation. If your land is wet or sour or hardpan, all the inoculation on earth won't make it raise clover or alfalfa. If it is well drained and sweet and limed and well worked and fairly fertile, the chances are you can grow clover and alfalfa without inoculation.

If you want to try it, the surest and best way is to use dirt from an old field of the crop you want to grow. Clover for clover and alfalfa for alfalfa. Spread it thin and harrow it in with the seed. Exposure to air and sun kill the bacteria very quickly, so it must be harrowed in at once.

As to the chemical cultures which are being so widely advertised with more or less extravagant claims, I am personally rather doubtful of their value. I never thought enough of them to list any of them for sale to my customers, although I have been repeatedly solicited and offered all kinds of profits on them. H. F.



Beat Papa Raising Watermelons

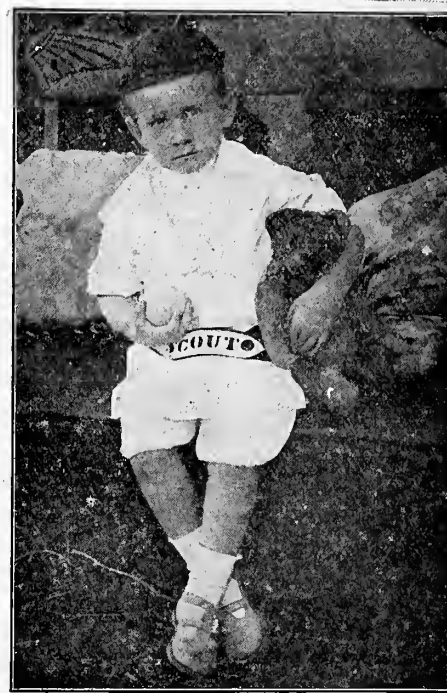
"Dear Sir: I did not see any girls letters from the watermelon contest, so I thought I would send you a letter and a picture of me and two of my big watermelons. You don't need to think these are all of them. There was a wagon load of them went to waste. We eat a lot of them and I tell you they were fine. Pa says I beat him all to pieces in raising melons. We had a fine garden, too. I would have written sooner, but I have kept putting it off and I thought if I did not write and send you my picture you would not put it in Field's Seed Sense.

—Bertha Horn, Brewster, Nebr."



A Girl Farmer

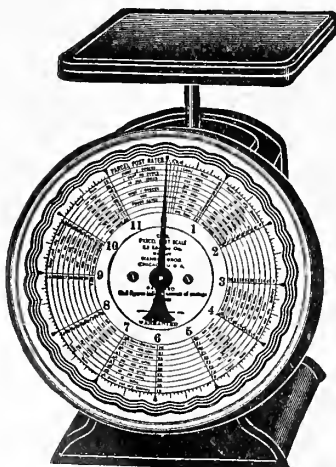
This is Harriet Haney, of Shepherd, Michigan, and her pet heifer. I like to see farm girls and boys always make friends with the farm animals, it is a mighty good thing, both for the children and for the farm animals, too. The calf or the colt that the children pet and get acquainted with when it is little, will never have to be broke when it gets big. If Harriet keeps on the way she has started, she will make a good farmer's wife some day.



A Nebraska Farm Boy

"Papa is going to get me an ear of popcorn, a package of watermelon seed and a package of Gourds to plant in my garden. I am almost five years old. I got a picture of Baby Ruth, and when you get this in Seed Sense, you must let her see it.

HOWARD WIGGER,
Enders, Nebraska."



Parcel Post Scale

Prepaid \$1.35

This scale is the same one we sold last spring at \$1.95, but we have a few left and want to close them out and we will make a special price while they last, of \$1.35 delivered. They are the nicest and best made scales of this kind I ever saw. Weigh up to 12 pounds by ounces. Guaranteed accurate. The Parcel Post rates printed on the dial are the old rates, and the rates now are slightly different. You will have to allow for this in figuring the postage.

A Free Bulletin on Sweet Clover

The Kansas Experiment Station has just gotten out a bulletin giving a lot of valuable information on sweet clover. It gives the actual results of a lot of experiments carried on in the state of Kansas, and is the straight truth and nothing but the truth. Just write them and ask for Circular 34 "Sweet Clover". Address your letter to

STATE EXPERIMENT STATION, Manhattan, Kans.

Our Corn Does Well in Michigan

"DEAR SIR: I received your catalog and think you have some very good varieties of seed corn and I tried your seed of Shenandoah Special and Reid's Yellow Dent and both have given very good satisfaction. I will send you an order for seed corn soon. I gave my catalog to a neighbor and if you wish to send me another one I would be pleased and will always speak a good word for you.—NAL. HARIG, Dorr, Mich."

Early June a Third Better Than Earliana

"DEAR SIR: Just a few words about your Field's Early June Tomatoes. I must say that they are the smoothest and most prolific I ever saw. I picked a third more tomatoes from the same size patch of Early June than I did from Earliana. I am yours for success,

—HARRY HAYES, East Bountiful, Utah."

How to get Garden Implements and Garden Books Free

Every person who makes a garden ought to have the latest improved garden implements, wheel-hoes, drills and such. That is admitted. But the trouble is they cost money, real cash, and after you get through buying seeds there sometimes isn't enough left on hand to buy implements such as you would want.

Now, I want to help you get these things. I know how badly you want them and how you would appreciate them. I know you would have better gardens and bigger gardens and more profit and all with easier work. I don't know of any way I can do more good than by helping you to get them.

Listen. I've got it fixed so you can get them at part prices or even entirely free. Here's how.

On every cash purchase of seeds (except clover seed) or bulbs or plants of any kind, I will allow you a rebate of 10%, to be applied towards the purchase of any of the garden implements or books listed in my catalog. The orders can be your own, or a club order, or orders by your neighbors.

Here's how it would work — If you have an order for \$10 you will have \$1 rebate to apply on books or tools. You could have any \$1 book or two 50c books free, or you could have a \$2 book by paying \$1 in cash. Or you could get a \$3.25 wheel-hoe by paying \$2.25 in cash. See?

Or if you could rustle \$50 worth of orders you could get a \$5 wheel-hoe or \$5 worth of books absolutely free, or you could get a \$12 combined drill by paying \$7 cash. And so on.

Now then, if you don't get the garden plows and books you want, it's your own fault.

N. B. The rebates will not be given unless asked for with the order at the time it is sent, will be given on all seeds, bulbs, and plants — except clover seed — and cannot be used except in the purchase of books and garden implements (including all garden tools, sprayers and grass seeders). The rebates can be used at once or at any time within a year. This will give you a chance to save them up.

We cannot give the rebate and prepay both.



"I got this free with my order for Field's seeds."



T. J. Kerr, Ava, Ill., and his Family

"This is the Kerr family, dog and all. Of course you don't want to spoil a whole page of Seed Sense with this.
T. J. KERR."



Clarence Pearson, Chatsworth, Ill.

Clarence is another one of the popcorn boys, like those I showed in the front pages of the catalog. I think he must have had a nice crop of popcorn from the way it looks in this picture, and the way he is tending it. I think he wrote me a letter about it, but I can't find the letter now, but I find this picture, taken by his mother, Mrs. Ed. Pearson.

I want all the boys and all the girls too to get in the popcorn contest next summer. Read in the catalog what the popcorn boys did last year, and then get busy and see if you can't beat them.



Evelyn Wanda Woods, Winfield, Kansas

Age 3 months. The youngest of eight children. Her mother writes, "Mr. Field, don't you think she is sweet?" I sure do, she looks sweet enough to hug.

A Good Friend of Ours at 77

"Dear Sir: My dealing with you has been very satisfactory. I bought a good many seeds from you, and I have saved lots of nice seed from them. I have a nice strawberry bed, Senator kind, and a nice asparagus bed. I will send you a little order for seeds, and it may be the last, as I am almost 77 years old. You needn't send me your Seed Sense, as I can't read long at a time, but I want you to send me your catalog every year as long as I live, and as long as I buy seeds I will buy them from you. Little Ruth makes a dandy nice picture. I have two little nieces named Ruth. Now that I have ordered, I am going to give away my catalog.—Mrs. Wm. Davis, Miami, Mo."

A New Customer Well Pleased With Our Seeds

"Dear Sir: We got some of your seed last spring, and certainly do like them, if we only would of had rain, but all did fine considering. We were so proud of our cucumbers, and large white Icicle Radishes. They were grand, and got so large. We are so glad we heard of your seeds. Mr. P. Roth told us of your fine seed. I will tell all I can of your seeds also, and we will send in our order real soon to you.

Please excuse the condition of the postcard. One of the children got hold of it, and I just caught him in time to save it. Mr. Field has children, so he will know. We want to try your corn. Yours truly,

—Mr. and Mrs. C. J. Peterson, Crocker, Mo."

A Nice Letter From a Boy 63 Years Young

"My dear Henry: Received your catalog a few days ago. Say, believe me, that is a dandy catalog, best you have ever put out. Wife and I read it through first day we received it and your Seed Sense is simply immense, but have one serious objection to it, because it does not come often enough. Honest, Henry, you ought to publish a daily paper, but I suppose you get more fun out of the seed business. I am a boy 63 years young. I get lots of pleasure growing plants for sale from Field's Seeds, besides I raise a pretty good garden.—Bap Hardy, Loraine, Ill., L. B. 217."

Spend Spare Time Reading Seed Sense

"Dear Friend: We have spent most of our spare time the last few days looking over your new year's number of Seed Sense. Our little girl and both of us enjoy reading and talking about it immensely. My husband spends so much time with his Holstein cows and white pigs that he don't take time to write many letters, but I will send you 25c, for I want all the Seed Sense you send out and papa had the south end of all barns filled with Field's Early White Dent corn for seed last fall.—Martha C. Bartlett, Maquon, Ill."

Daisy Muskmelon Surely Is a Daisy

"We had some seeds from you last year of Daisy Muskmelon and Princess Watermelons and they were both fine. You can not say too much for your Daisy Muskmelon. It surely is a Daisy, the most delicious we ever ate. Please send me your seed catalog for 1914. Also any special lists or prices on field corn and oblige

—B. H. Gazell, Geneva, Ohio, R. 2."

A Comment On My Personal Beauty

"Dear Sir: You ask what I think of your catalog. Well, there is only one objection I have to it and that is, you put your ugly mug on the front cover page while your beautiful wife was over in the garden working, raising those fine tomatoes you are holding in the box. Now brother, you ought to have had your wife on the front cover working the garden instead of yourself. Otherwise the catalog is a crackerjack for beauty and information regarding the seed business.—K. A. Power, Marshall, Texas."

An Enthusiastic Booster

"Field, you are all right. I am living in one of those cussed flats. I can't plant a darn thing here. Like to read your line of talk. You have the goods and better still, you have the service. Hope you will enlarge your plant in 1914.—A. J. Whittier, Grand Rapids, Mich."

A Good Word For Shenandoah Yellow From Oklahoma

"We had a very dry season down here in 1913. My corn I got of you, the Shenandoah Yellow, did very well for a dry season. 40 pounds made 206 bushels, or about 40 bushels per acre. Yours truly,

—A. J. Berry, Jones, Okla."

White Elephant Corn Makes Good Bread

"I have tried your seeds and found them all right. White Elephant corn is fine; makes the best bread I ever eat. Look for a seed order from me later. —J. P. Benlew, Butler, Ky."

Early June and Mississippi Girl a Success in the South

"Dear Sir: I have used your seed with best success. I have tried your Early June and Mississippi Girl tomatoes, with good success. I never seen better in color and bearing. We had a very bad season last year, but they were all you claim for them, for we had more than we could have used for two families. Wish you success for many years. Yours truly,

—S. M. Lecompte, Montegut, La."

30 Early June Plants Better Than 200 Other Kind

"Dear Sir: Your 1914 seed book came a few days ago. It is O. K. Last year I sent my first order for seeds to you. I bought Early June and Mississippi Girl tomatoes. They turned out to be the best I ever raised. I had 100 plants of each. Late frost killed all but 30 plants and, believe me, they yielded more than two hundred plants of another kind I planted. I have sold my farm and have but a small garden this year, about $\frac{1}{2}$ acre. I will send in an order soon and in 1915, if living, I hope to have a better, larger farm than before and will give you my orders. Very truly yours,

—E. C. Clark, Middletown, Conn."

"In 1912 I got a bushel of seed corn from you that tested 99% and made a yield of 45 bushels per acre. I have perfect confidence that your seeds will be as recommended.—Matt. Carter, Louisburg, Kans."

Want Ads

- SINGLE COMB Brown Leghorn Eggs.** CHAS. A. MERKEL, Cedar Rapids, Ia.
FOR SALE. Suburban property. R. KRUDOP, Manhattan, Kansas.
- FOR SHENANDOAH PROPERTY** write A. S. LAKE, Shenandoah, Iowa.
SWEET toned Stradivarius Violin, new. Big bargain. W. D. GAY, Essex, Ia.
- INDIAN RUNNER DUCK EGGS** \$1.00 per 13.
 CLYDE CREGLOW, Burlington, Colo.
- EGGS,—Dark Cornish, White Runners.** Circular.
 W. S. JORDAN, Hastings, Nebr.
- SINGLE COMB ANCONAS.** Great winter layers. Eggs \$1.50.
 T. F. STARCHER, Neosho, Mo.
- TOM CARRON'S** English White Leghorns. Very best egg producers.
 J. R. MOONEY, Butler, Missouri.
- BABY CHIX—Hatching eggs—twelve varieties—price list for card.**
 U-KIN-BOIL-EM EGG FARM, Shenandoah, Iowa.
- FOR SALE—15½ acre improved, well located truck farm.** Address owner
 CARL E. BISHOP, Mitchellville, Iowa.
- WANTED.—A man and wife to work on farm, and board the owner.** Address
 M. O' NICHOLS, Wessington, So. Dak.
- TABLE HONEY—Shipped direct.** Wholesale list FREE. Generous sample, 10c.
 PIKE'S BEE FARM, St. Charles, Ills.
- KLONDIKE HENS — Greatest layers. Feathers valuable.** Description FREE.
 KLONDIKE POULTRY RANCH, Maple Park, Illinois.
- COLUMBIAN WYANDOTTE3—Exclusively. Best laying strain.** Eggs \$1.50 per
 setting. MARY McCAIG, Elmwood, Nebr.
- LEARN BOOK-KEEPING.**—Special to Seed Sense readers. Complete course.
 Three Dollars. HENRY OLIVER, Fairfield, Iowa.
- BARRED ROCK EGGS** for sale, Oklahoma State Fair Winners, 1913. \$2.00 and
 up per setting. W. C. STEINMETZ, Chickasha, Okla.
- INDIAN RUNNER DUCKS.**—Fawn and white. Full bloods. White eggs only.
 75c per setting. \$6 per 100. C. H. HACKETT, Waterloo, Iowa.
- EGGS FOR HATCHING—Pure bred Rose Comb White Leghorns.** \$1.25 per 15.
 Crystal White Orpington, \$1.50. LEROY NILES, Green, Iowa.
- HOME MADE CANDY.** The kind that makes you want more. Big box, over a
 pound, assorted kinds, 60c postpaid. FAITH FIELD, Shenandoah, Iowa.
- FOR SALE.**—160 acre farm in North Dakota, all level, sandy loam, \$35 per acre if
 taken at once. Send stamp for reply. O. G. SPARKS, Westboro, Mo.
- ROSE COMB REDS — Eggs for hatching.** Good laying farm flock. Write for
 prices. R. G. MUSTAIN, Blandinsville, Ill. 2-3t
- THOROUGHbred BARRED ROCKS,** magnificent in size, weight and plumage.
 low prices on eggs, booklet free. HAZELDELL POULTRY YARDS, Essex, Iowa.
- 33 VARIETIES** of thoroughbred poultry-stock and eggs for sale. Satisfaction
 guaranteed. Send for free catalog. SUNNY SLOPE POULTRY FARMS, Shenandoah, Iowa.
- NATIVE PLANTS,** seed, and bulbs, for sale. Especially Pacific coast and moun-
 tain plants. Many rare varieties. Write. SUSAN TUCKER, R. D. 1, Cheney, Wash.
- START A MAIL ORDER BUSINESS OF YOUR OWN.**—Start small, grow
 big! No graft! Particulars free. Write today. CONSOLIDATED SALES CO., Shenandoah, Iowa.
- M RRRORS.** Make new ones or resilver your old ones at trifling cost. Recipe and
 full instructions only \$1.00. Results guaranteed. JOE SNOW, Furniture Dealer, Shenandoah, Iowa.
- FOR SALE.** Ten Acres Ozark fruit land, and will build four room cottage on it
 from your plans, all only \$385, monthly payments. EDMUND STECKEL, Richland, Mo., Turkey Ridge Farm.
- WHITE ORPINGTONS. SINGLE COMB REDS.**—Record layers. Iowa, Mis-
 souri, Nebraska winners. Eggs from special pens. S. G. ALLURED, 110 E. Grant Ave., Shenandoah, Iowa.
- RESIDENCE FOR SALE** in Shenandoah. Well located, nearly new, 8 rooms,
 barn, electric lights, gas, garden and trees. Large lot. Address: XX Care HENRY FIELD SEED CO., Shenandoah, Iowa.
- CHOICE EGGS FOR HATCHING.**—Single Comb Brown Leghorns, Barred Ply-
 mouth Rocks, and Indian Runner Ducks. Write for prices. JOHN W. MOORE, Hendrickson, Mo.
- "JOE, THE BOOK FARMER."** By Gerrard Harris. The best boys' book I ever
 read. Inspiring, interesting, and practical. Price, \$1.10 postpaid. HENRY FIELD SEED CO., Shenandoah, Iowa.
- POST CARDS WORTH HAVING.**—Original "Sunshine" and "Temperance"
 cards, best in the world. 60 designs each. 20 or more only one-half cent each. pre-
 paid. A. T. COOK, Hyde Park, N. Y.
- SOMETHING NEW! A GREAT CURIOSITY!**—The smallest bible on earth.
 Think of it! The size of a postage stamp. New testament, illustrated, 290 pages. Single
 copy 10c. CONSOLIDATED SALES CO., Shenandoah, Iowa.
- MILLIONS OF SWEET POTATO PLANTS** to sell. Bermuda, Red and Yellow
 Nansemond, Yellow Jersey and Southern Queen. Seed stock and eating potatoes.
 Write for prices. W. K. MARTIN, Sikeston, Mo.
- PUBLIC SALE CLERKS** get five to ten dollars for a few hours work, and any-
 body can clerk a sale and settle in half the time by using my new sale register. Two
 sample sheets free. E. F. PITTMAN, Keosauqua, Iowa.
- RHODE ISLAND REDS,** rose comb. Breeding pullets for sale, eggs by parcel
 post. We have big boned, well shaped stock. FLOYD F. BLOOM, R. F. D. No. 3, Box 12, Shenandoah, Iowa.
- HYBRIDIZED POTATO SEED.** Saved from the seed balls. Plant and handle
 like tomato plants. Seedling potatoes, like seedling apples, come no two alike, and
 you may produce a new variety of great value, and at least it will be interesting work.
 Price, 15c, 2 for 25c. HENRY FIELD SEED CO., Shenandoah, Iowa.



"When the Robins Nest Again"

Yes, this is a real picture of a real robin. It was taken by W. D. Gay, Essex, Iowa. He has made quite a hobby of birds and has a wonderful collection of photos that he has taken of them. I will show you some more of them later. I don't know how he ever managed to get these pictures. I never could get close enough to a bird to take a picture of it, but he must charm them some way.

RHODE ISLAND REDS, single comb. Oxblood Royal Red strain. 300 birds for sale. Plenty of eggs for hatching. If you want good, red stock, address: HARLAND'S ROYAL RED POULTRY FARM, Box 323, Shenandoah, Iowa.

ORDERS BOOKED NOW for Indian Runner Duck Eggs. Order now and save disappointment later. Thoroughbred stock. \$1.75 for 11 eggs, \$3.25 for 22 eggs, \$6 for 50 eggs. SUNNY SLOPE POULTRY FARMS, Shenandoah, Iowa. tf

TOMATO PLANTS FROM POTS.—Field's Early June. Place order now for April and May delivery. Strong pot plants by express, 100 \$3.00, 500 \$14.00, 1,000 \$27.00. Cash before shipment. A. C. CANFIELD, 1335 S. State St., Springfield, Ill.

EGGS THAT ARE GUARANTEED—We have them of all leading varieties and guarantee 10 out of 15 to hatch. Members "Nishna Valley Poultry Association." Reference: Security Trust and Savings Bank. CLIFT & CLEVELAND, Shenandoah, Iowa.

FOR SALE.—Pure bred Hampshire hogs, both sexes, of 1913 fall farrow and 1914 spring farrow. Also Rhode Island Reds, Columbian Wyandottes, White Leghorns, and Indian Runner ducks. Eggs or stock. Best strains and farmer prices. Address JOHN A. STADLE, R. 2, Putnam, Ill.

WE ARE HEADQUARTERS for Plum Farmer Black Raspberry, hardy, early, large, good—the kind canners demand. Snyder Blackberry, Lucretia Dewberry. Ten 60c, hundred \$2.50. Guaranteed strong plants; true to name; government inspected. RIVERSIDE NURSERY, Berne, Ind.

WILD FLOWER PLANTS. Dutchman's Breeches, May Apples, Blue Phlox, Yellow Violets, Blue Bells, Jack-in-the-Pulpit, and other native plants gathered by us in the timber. Plants ready in April and May. Orders booked now. 15c each, \$1.25 per dozen postpaid. PHILIP AND HOPE FIELD, Shenandoah, Iowa.

KITCHEN CONVENIENCES.—Queen kitchen set, containing egg separator, pot scraper, handy strainer, grater, kettle spoon holder, and combination biscuit, doughnut and cookie cutter, all mounted on handy black enamel rack, all for 60c postpaid. Any one article for 10c. Safe arrival and satisfaction guaranteed. HOUSEHOLD SUPPLY CO., Box 175, Shenandoah, Iowa.

FARMERS. My "Wonder" formulas must please or money back; Lump Jaw, Horse Colic, Ring Worm, Gall Cure, Healing Oil, Absorbent Liniment, Family Liniment, Condition Powders, Fire Extinguisher, Cleaning Fluid, Furniture Polish, Lice Powder. Best of many tested. Singly, 50c. Six \$1.50. Twelve \$2.00. Send money order. H. W. RIDER, Pleasant Slope Farm, Fairfield, Iowa.

INVESTORS — ATTENTION! A high rate of interest cannot make up for possible loss of principal. The two safest places in the world where money can be "salted away" are banks and mortgages. Our 5 per cent mortgage bonds represent best and safest Iowa mortgages, and also carry the full liability of the Trust Company itself, thus combining the safety of both a mortgage and a bank. Our new booklet sent on request. WASHINGTON LOAN & TRUST COMPANY, Washington, Iowa.

6 PAIRS MEN'S SOCKS, 70c postpaid, \$1.30 per doz. Ladies' Stockings, 6 pairs for 80c, or \$1.40 per doz. Fine quality combed cotton yarn, colors, black, tan, blue, gray, or lilac, either all alike or assorted to suit. Ladies' in black and tan only. Quality and satisfaction guaranteed. How many do you want. Give size and color wanted. Free sample on request. YATES FOX CO., Shenandoah, Iowa. tf

"THE GARDENETTE" By Benj. F. Albaugh. A little book about gardening. telling of Mr. Albaugh's methods and giving instructions for the guidance of others. It is absolutely the best dope on gardening, and especially on gardening in limited areas that I ever read. Special price, 60c each, postpaid. This is a special price on this book, which I have secured. Send the orders direct to Henry Field Seed Co. H. F.

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